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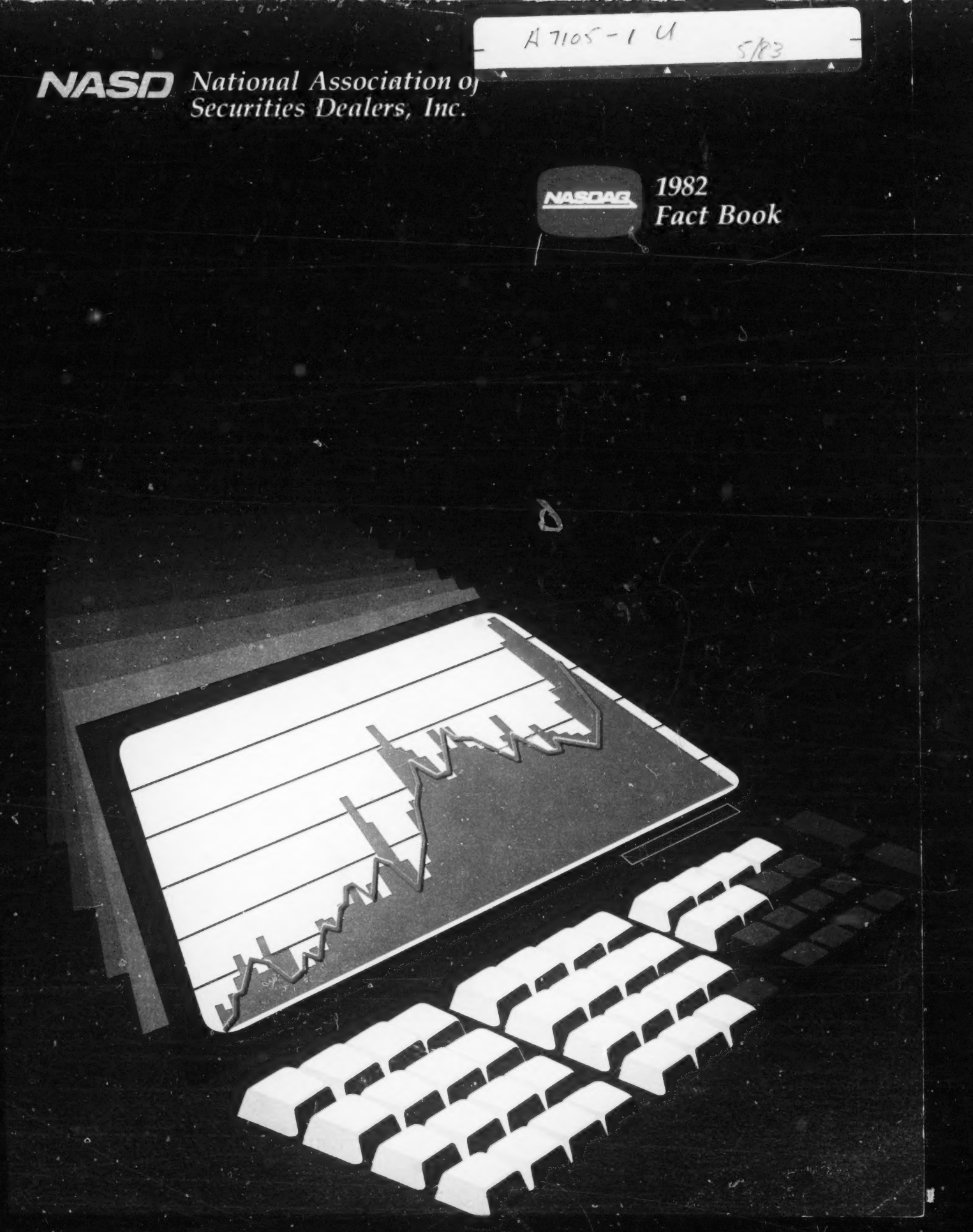
NASD National Association of Securities Dealers, Inc.

NASDAQ

1982 Fact Book



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The cover of this 1982 Fact Book is an interpretive presentation of the performance of the NASDAQ market for the five-year period 1978-1982. Superimposed on an abstract of a NASDAQ terminal is a computer-generated graph with vertical bars depicting share volume and a trend line showing the performance of the NASDAQ Composite Index.

NASDAQ Market Highlights in 1982

Investors in NASDAQ/OTC securities	10 million
Companies issuing NASDAQ securities	3,264
NASDAQ securities quoted in the NASDAQ System	3,664
Market makers in NASDAQ securities	407
Number of market making positions in NASDAQ securities	27,734
Average number of market makers per NASDAQ security	7.6
NASDAQ share volume in 1982 (7.8% higher than in 1981, the previous volume record year)	8.43 billion
NASDAQ Composite Index gain in 1982	18.7%
NASDAQ National Market System 1982 share volume (40 securities on April 1, 84 at year-end)	1.09 billion
NMS share volume as a percentage of total 1982 NASDAQ volume	13.0%

To NASDAQ Companies, NASD Members and Friends

The NASDAQ market in 1982 was marked by four outstanding developments:

- Record share volume and index performances for the 12-year history of the market;
- The start-up of the NASDAQ National Market System, the prototype of the stock market of the future;
- The further evolution of NASDAQ from a nationwide market into a worldwide one; and,
- The highest degree of NASDAQ company participation in NASD and NASDAQ activities since the market was established in 1971.

NASDAQ Share Volume and Index Performances

In 1982, NASDAQ volume set a new record for the fifth consecutive year with 8.43 billion shares traded. This was 7.8% more than in 1981, over three times the volume in 1978 and nearly four times the volume in 1972, the first full year for which NASDAQ share volume was computed.

The price performances of NASDAQ securities in 1982 were also record-breaking. The NASDAQ Composite Index reached an all-time high of 240.70 in early December and closed 1982 at 232.41, a gain of 18.7% for the year. Five of the six NASDAQ sub-indices established record highs and closed the year with gains ranging from 9% to 57%. The NASDAQ Industrial Index did not break its May 1981 record until January 1983.

Comparisons with the Exchanges

In 1982, the NASDAQ market further consolidated its position as the second-largest and fastest-growing stock market in the U.S. NASDAQ share volume in 1982 was over half of NYSE volume and more than six times AMEX volume. The numbers of NASDAQ issuers and issues were greater than those of the NYSE and the AMEX combined. Over the five-year period 1978-82, NASDAQ volume more than tripled, while NYSE volume grew 2.3 times and AMEX volume 1.4 times.

The NASDAQ Composite Index, with its 1982 gain of 18.7%, outperformed the NYSE Composite Index, which gained 14.0%, the Standard & Poor's 500, up 14.8%, and the AMEX Market Value Index, up 6.2%. The Dow Jones Industrials edged out the NASDAQ Composite Index with a gain of 19.9% for the year.

In terms of shareholder population, statistics compiled by the NYSE show that NASDAQ and other OTC shareholders increased by 97%, to 10,000,000 during 1975-81, while NYSE shareholders increased by 50% and AMEX shareholders by 67%.

NASDAQ Issuers, Securities and Market Makers

The NASDAQ market's share volume, liquidity, price performance and competitive multiple market maker system continued to make it attractive to issuers. Some 600 NASDAQ securities are eligible for listing on the NYSE and 1,600 are eligible for the AMEX, but they remain in the NASDAQ market largely because their issuers prefer the competitive multiple market maker system of NASDAQ to the single specialist system of the exchanges.

The most active NASDAQ issue was MCI Communications Corporation with 206.9 million shares traded. This volume established MCI as the third most active issue in all U.S. markets, slightly behind the two NYSE volume leaders, IBM and EXXON, and far ahead of AT&T, the third-ranking NYSE security by volume.

The top NASDAQ security in terms of market value of total shares outstanding was American International Group, Inc., which exceeded $4.5 billion.

At the end of 1982, the profile of the average security on the NASDAQ National List, which comprised 1,912 securities and was published in 81 newspapers, showed the following:

Price per share	$15
Total shares outstanding	7,325,377
Total market value	$109.9 million
Total company assets	$377.7 million
Shareholders equity	$55.0 million
Total revenues	$125.2 million
Net income	$6.7 million

There were 407 NASDAQ market makers at the end of 1982. They had 27,734 positions in NASDAQ securities for an average of 7.6 market makers per security.

The NASDAQ National Market System

Within the overall NASDAQ market, the most significant development was the April 1, 1982, start-up of the NASDAQ National Market System (NMS).

NASD Chairman Ernest F. Rice, Jr. (center) with President Gordon S. Macklin (left) and J.M. (Mac) Hill (right).

The significance of NMS is that, for the first time ever, the competitive multiple market maker system is combined with up-to-the-minute reporting of trades. Thus, the unique strength of the NASDAQ market is enhanced by continuously available last-sale data, identical to that available on exchange-listed securities.

At the April start-up, 40 NASDAQ securities were mandated by SEC rule into the NMS trading environment. These were securities which met the SEC's criteria of an average volume of 600,000 shares a month during a six-month period and a minimum bid price of $10 for five days prior to the qualification date. As a result of quarterly reviews of NASDAQ activity, it was determined that additional securities qualified for NMS throughout the year and, at the end of 1982, 84 securities were traded in the System.

During the April to December period, the aggregate volume of the 40-84 NASDAQ NMS securities totaled 1.09 billion shares. This was more than the aggregate volume of all AMEX stocks during the same time, and represented 13% of total NASDAQ volume for the year.

Market maker support for the NMS securities continued strong, at over 17 market makers per security. Individual and institutional investor interest was spurred by the increased visibility of the securities, through real-time trade reporting. A substantial amount of the NMS trading was done in blocks of over 10,000 shares.

NASD Market Surveillance developed new automated facilities and procedures to determine the compliance of NASDAQ market makers with the real-time trade reporting requirements of NMS. Among other findings, Market Surveillance noted that 99.8% of NMS trades sampled were reported at the prevailing market or within an acceptable deviation from the last-sale price. Additional surveillance capabilities were prepared for 1983 utilization.

In February 1983, 100 more NASDAQ securities entered the NMS. Half of these were securities which, at the end of 1982, met the SEC criteria for mandatory inclusion in NMS. The other half were securities entering on voluntary application of their issuers. These issues met less stringent SEC criteria of at least 100,000 shares a month volume over a six-month period and a bid price of $5 for five business days prior to the qualification date.

The NASD is currently conducting a study of the impact of real-time trade reporting on the NMS securities, market makers and on the capabilities of the NASDAQ System. Unless significant adverse findings are uncovered by the study, 100 securities meeting the voluntary designation criteria will be included in NMS in May, and 100 each month thereafter, until all applications for voluntary inclusion have been accommodated.

The NASDAQ Market, Nationwide and Worldwide

The 184 NASDAQ NMS and 3,480 NASDAQ securities together made up a total of 3,664 securities in the NASDAQ market at the end of 1982. During the year, 2,005 advanced, 1,499 declined and 160 were unchanged. There were 752 with price gains of 50% or more, and 546 with losses of 50% or more.

The NASDAQ market is not only a nationwide

market, but it has also evolved into a market that is worldwide. NASDAQ companies are headquartered in all 50 states and the District of Columbia and Puerto Rico. Worldwide, there are 256 NASDAQ issuers headquartered in 18 foreign countries, and there are a great number of overseas branches of U.S. securities firms, foreign securities firms and foreign financial institutions actively involved in the trading of NASDAQ securities.

The NASDAQ System, the automated communications facility for this nationwide and worldwide market, was overhauled and brought to state-of-the-art levels in 1981-82 through an investment of $22 million. Another $5 million is being spent in 1983 to increase the capacity and performance of the System. This will fully equip the System to meet the demands of record-breaking volume days on NASDAQ and of the new automated services which are being provided to the market.

NASDAQ Company Participation in NASD and NASDAQ Activities

The fourth major development in the NASDAQ market in 1982 — in addition to the record overall NASDAQ performance, the inception of the NASDAQ National Market System and the further evolution into a worldwide market — was the very substantial participation by NASDAQ companies in NASD and NASDAQ activities.

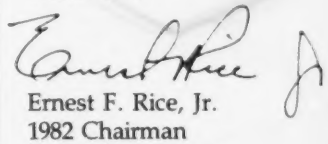
NASDAQ companies extensively availed themselves of the advisory services of four NASDAQ Corporate Consultants; W. Eugene Cartwright in the Far West, Douglas H. Curtis in the Midwest, Raymond J. Kiernan in the Southeast and Lewis M. Weston in the Northeast. A fifth Consultant, Byron W. Cain, Sr., joined the team at the end of 1982 to render assistance to NASDAQ companies in the Central and Rocky Mountain states.

In 1975, the first NASDAQ executive was elected to the Board of Governors of the NASD; in 1983, five top executives of NASDAQ companies are now serving on the Board. The NASD Corporate Advisory Committee was established in 1979 with 11 members; it was raised to the status of Corporate Advisory Board in 1982; and, in 1983, it has been expanded to 15 members.

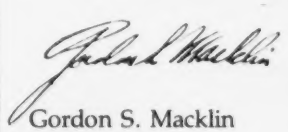
The charter of the Corporate Advisory Board is as broad as that of NASDAQ and the NASD itself. The Board is authorized and encouraged to examine and make recommendations for any and all NASDAQ and NASD activities. The Board played an important role in the introduction of inside quotations in 1980 and is playing a major part in NMS development now.

NASDAQ executives are also involved in other key NASD Committees: the Trading Committee, which develops policy recommendations for the NASDAQ System, the regulation of market makers and the qualifications standards for NASDAQ securities; the National Market System Securities Qualifications Committee, which selected the NASDAQ securities that voluntarily entered NMS in February 1983; the National Business Conduct Committee, which reviews all disciplinary decisions made by NASD District Committees against broker/dealers and their employees; and, the Information Committee which, among other things, administers the National List and local newspaper quotations of NASDAQ securities.

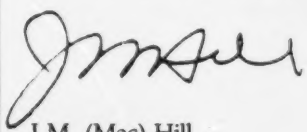
The participation of NASDAQ executives is a vital element in the overall guidance and support which the NASD also receives from hundreds of dedicated volunteers from securities firms, from financial institutions and from professions related to the securities industry. These combined efforts have contributed greatly to the results summarized in this 1982 Fact Book.



Ernest F. Rice, Jr.
1982 Chairman
National Association
of Securities Dealers, Inc.



Gordon S. Macklin
President
National Association
of Securities Dealers, Inc.



J.M. (Mac) Hill
Chairman
NASD Corporate
Advisory Board

1982: Fifth Consecutive Year of Record Volume Six Indices at All-Time Highs

Volume Records

For the fifth consecutive year, the NASDAQ market set a new volume record and further consolidated its position as the fastest-growing and second-largest stock market in the U.S. Volume hit an all-time high for a single day on November 4 when nearly 70.5 million shares were traded, and nine of the top 10 volume days in the 12-year history of NASDAQ occurred in 1982. Monthly volume exceeded 1 billion shares for the first time in November and for a second time in December. Annual share volume went over the 8-billion mark for the first time and totaled 8.43 billion. This compares with prior years as follows:

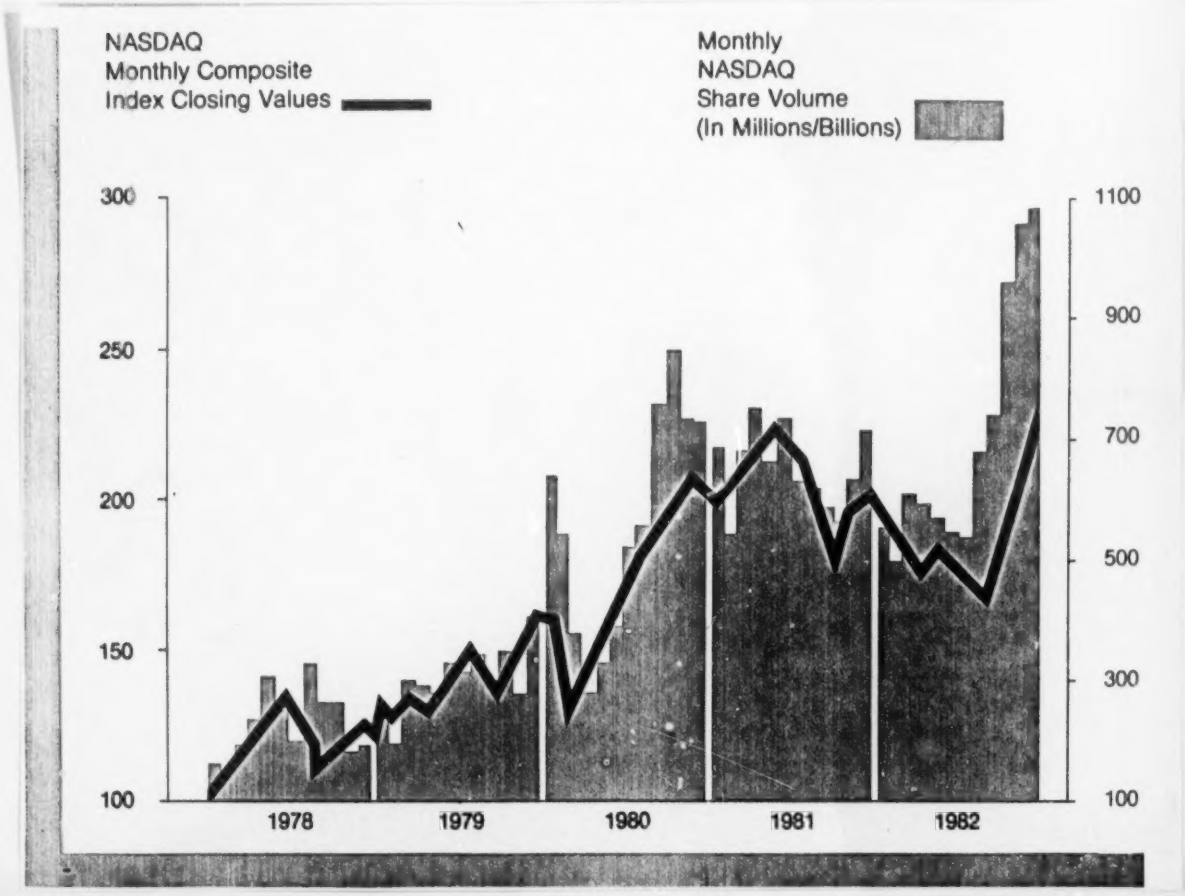
Year	Volume (billions)	Gain
1982	8.43	7.8%
1981	7.82	17%
1980	6.69	83%
1979	3.65	32%
1978	2.76	43%

(Until 1978, the record NASDAQ volume year was 1972, with 2.22 billion shares traded.)

Six Index Records

The NASDAQ Composite Index reached an all-time high for the 12 years of the NASDAQ System at 240.70 on December 8 and closed the year at 232.41, up 18.7% from the end of 1981. By comparison, the NYSE Composite Index was up 14.0%, the S&P 500 gained 14.8% and the AMEX Market Value Index rose 6.2%. The Dow Jones Industrials edged out the NASDAQ Composite Index with a gain of 19.9% for the year.

Five of the NASDAQ sub-indices — Bank, Other Finance, Insurance, Transportation and Utility — hit all-time highs in 1982 and closed 1982 with gains. The NASDAQ Industrial Index came close to its all-time high and also closed the year with a gain (see Pages 6-7). In January 1983, the Industrial Index broke its May 1981 record.



NASDAQ Index Performances 1982*

1982 Monthly Closing Values

Index	Number of Securities in Index 12/31/82	January	February	March	April	May
Composite	2,961	188.39	179.43	175.65	184.70	178.54
Industrial	2,254	218.92	204.12	199.05	212.64	205.41
Other Finance	419	170.37	167.04	165.00	168.51	164.76
Insurance	93	189.22	188.91	188.09	192.76	182.85
Bank	101	142.79	140.41	136.66	139.85	136.42
Utility	53	179.81	180.74	175.40	187.82	185.47
Transportation	41	164.28	155.38	148.10	163.21	152.26

*Only domestic common stocks traded solely in the NASDAQ market are included in the indices. Not included in the 1982 indices are 43 domestic common stocks also traded on regional exchanges.

NASDAQ Index Comparisons 1971-1982

1971-82 Yearly Highs, Lows, Closes & Percent Changes for the Year

Index		1971	1972	1973	1974	1975
Composite	High	114.12 12/31	135.15 12/08	136.84 1/11	96.53 3/15	88.00 7/15
	Low	99.68 2/22	113.65 1/03	88.67 12/24	54.87 10/03	60.70 1/02
	Close	114.12	133.73	92.19	59.82	77.62
	% Change	+14.1	+17.2	−31.1	−35.1	+29.8
Industrial	High	116.53 12/31	144.14 5/26	136.97 1/11	89.78 3/15	93.79 7/15
	Low	98.13 11/23	115.97 1/03	80.15 12/24	54.21 10/03	57.22 1/02
	Close	116.53	132.41	83.57	56.46	80.95
	% Change	+16.5	+13.6	−36.9	−32.4	+43.4
Other Finance	High	116.91 12/31	151.61 11/14	151.93 1/11	111.60 1/23	88.47 6/24
	Low	100.00 2/05	116.31 1/03	102.93 12/24	57.16 10/03	64.70 1/02
	Close	116.91	148.95	107.50	63.43	79.02
	% Change	+16.9	+27.4	−27.8	−41.0	+24.6
Insurance	High	122.29 10/12	152.81 12/01	149.69 1/03	113.46 1/17	91.19 7/15
	Low	97.56 2/22	119.73 1/26	103.22 5/21	57.57 10/03	73.47 9/17
	Close	121.33	149.03	110.15	74.69	80.90
	% Change	+21.3	+22.8	−26.1	−32.2	+ 8.3
Bank	High	105.03 4/29	120.75 10/10	123.57 1/22	105.11 1/17	82.76 7/15
	Low	94.88 11/24	100.60 1/26	96.50 12/05	59.43 10/04	62.22 1/02
	Close	101.82	119.11	100.42	61.49	72.37
	% Change	+ 1.8	+17.0	−15.7	−38.8	+17.7
Utility	High	100.94 4/15	99.02 11/28	101.30 2/20	76.55 3/06	69.52 6/30
	Low	90.18 12/02	91.84 6/26	69.85 12/05	48.22 12/24	50.44 1/02
	Close	94.37	98.60	72.07	49.60	65.95
	% Change	− 5.6	+ 4.5	−26.9	−31.2	+33.0
Transportation	High	120.12 12/31	133.21 3/06	124.95 1/12	96.66 3/15	90.92 7/14
	Low	99.57 2/23	115.56 10/19	77.65 12/21	61.24 12/23	66.67 1/06
	Close	120.12	117.50	81.04	65.79	85.52
	% Change	+20.1	− 2.2	−31.0	−18.8	+30.0

June	July	August	September	October	November	December
171.30	167.35	177.71	187.65	212.63	232.31	232.41
196.33	191.32	204.33	213.35	244.12	269.62	273.58
158.52	155.52	165.99	177.31	198.07	212.79	207.50
172.49	168.54	184.73	201.84	217.72	231.56	226.40
130.61	128.61	130.27	134.16	148.25	158.39	156.37
196.24	188.25	190.89	213.82	257.83	292.58	286.23
151.46	153.36	160.08	172.50	193.83	195.35	195.48

1976	1977	1978	1979	1980	1981	1982
97.88 12/31	105.05 12/30	139.25 9/13	152.29 10/05	208.15 11/28	223.47 5/29	240.70 12/08
78.06 1/02	93.66 4/05	99.09 1/11	117.84 1/02	124.09 3/27	175.03 9/28	159.14 8/13
97.88	105.05	117.98	151.14	202.34	195.84	232.41
+26.1	+ 7.3	+12.3	+28.1	+33.9	− 3.2	+18.7
100.12 12/31	109.43 12/30	155.79 9/12	175.18 12/31	274.70 11/28	283.03 5/29	281.64 12/08
81.44 1/02	96.29 4/26	101.91 1/11	126.88 1/02	145.03 3/27	204.62 9/25	177.70 8/13
100.12	109.43	126.85	175.18	261.36	229.29	273.58
+23.7	+ 9.3	+15.9	+38.1	+49.2	−12.3	+19.3
101.57 12/31	105.65 7/25	129.85 9/13	139.50 8/24	154.07 12/31	182.10 6/25	216.40 12/08
79.36 1/02	97.04 4/06	101.11 1/16	114.18 1/02	106.35 3/27	154.61 1/02	152.45 8/13
101.57	105.53	114.43	130.92	154.07	176.20	207.50
+28.5	+ 3.9	+ 8.4	+14.4	+17.7	+14.4	+17.8
105.21 12/31	115.01 11/25	144.14 9/11	166.31 10/05	184.71 9/23	204.77 6/15	236.76 12/06
81.60 1/02	96.14 4/04	106.71 1/16	126.58 1/02	128.74 3/27	166.10 2/13	163.78 8/13
105.21	114.51	127.24	162.03	166.81	194.31	226.40
+30.0	+ 8.8	+11.1	+27.3	+ 3.0	+16.5	+16.5
92.72 12/31	96.02 12/05	111.56 10/13	115.81 8/31	118.58 12/24	144.06 12/01	160.73 11/12
72.73 1/02	89.64 5/31,6/06	93.96 1/11	102.09 1/03	91.99 3/27	118.59 1/02	127.84 8/13
92.72	95.28	102.33	108.24	118.39	143.13	156.37
+28.1	+ 2.8	+ 7.4	+ 5.8	+ 9.4	+20.9	+ 9.3
86.91 12/31	101.68 12/23	116.73 9/13	130.41 12/31	165.92 11/28	191.18 11/30	316.17 12/08
66.15 1/02	87.04 1/03	93.23 1/20	106.27 1/02	106.01 3/27	148.69 2/04	168.02 3/12
86.91	101.03	106.04	130.41	165.70	181.67	286.23
+31.8	+16.2	+ 5.0	+23.0	+27.1	+ 9.6	+57.6
105.78 4/20	104.40 7/22	128.71 9/13	133.42 10/04	179.20 10/10	201.71 6/15	205.81 11/05
85.97 1/02	91.60 4/25	92.92 1/23	100.76 1/02	100.55 3/27	155.99 1/08	145.26 3/16
101.28	97.68	100.53	118.47	164.19	167.77	195.48
+18.4	− 3.6	+ 2.9	+17.8	+39.0	+ 2.2	+16.5

Trading in NASDAQ and Listed Securities

1982 Share Volume

NASDAQ	8,432,275,000	28.9%
NASDAQ/OTC trading in listed securities	564,642,000	1.9%
AMEX	1,337,725,000	4.6%
REGIONALS	2,405,039,000	8.2%
NYSE	16,458,037,000	56.4%
Totals	29,197,718,000	100.0%

1982 Dollar Volume

NASDAQ	$ 84,188,651,000	12.5%
NASDAQ/OTC trading in listed securities	16,004,784,000	2.4%
AMEX	19,189,287,000	2.8%
REGIONALS	67,763,587,000	10.0%
NYSE	488,396,300,000	72.3%
Totals	$675,542,609,000	100.0%

The share volume of trading in NASDAQ securities in 1982 was just over half the share volume of trading on the New York Stock Exchange and over six times the volume on the American Stock Exchange.

In off-board trading in NYSE- and AMEX-listed securities, a volume of some 565 million shares was done in the OTC market and reported through the NASDAQ System. This was nearly 20% of the total trading which was done in such securities on the regional exchanges and in the OTC market.

Five-Year Comparisons of NASDAQ, NYSE and AMEX 1978-1982

	NASDAQ			NYSE			AMEX		
	Issuers	Issues	Share Volume (billions)	Issuers	Issues	Share Volume (billions)	Issuers	Issues	Share Volume (billions)
1978	2,475	2,582	2.762	1,585	2,194	7.205	1,004	1,064	.989
1979	2,543	2,670	3.651	1,565	2,192	8.156	931	1,006	1.100
1980	2,894	3,050	6.692	1,570	2,228	11.352	892	973	1.626
1981	3,353	3,687	7.823	1,565	2,220	11.854	867	919	1.343
1982	3,264	3,664	8.432	1,526	2,225	16.458	834	944	1.338

Growth in Shareholder Population by Market 1975-1981

	NASDAQ Other OTC	NYSE	AMEX
1975	5,058,000	17,954,000	1,935,000
1980	8,486,000	23,804,000	2,808,000
1981	9,966,000	26,084,000	3,228,000
% Change 1975-81	+97%	+50%	+67%

Source: NYSE

Daily & Monthly NASDAQ Volume in 1982

The highest NASDAQ volume day ever was November 4, 1982 when 70,465,900 shares were traded. November 9 and 10 and December 1 and 8 also exceeded the previous record of 60,378,200 shares set on November 19, 1980.

Average daily NASDAQ share volume for the 253 trading days of 1982 was 33,329,149.

The all-time highest monthly volume for NASDAQ was 1,073,560,785 shares traded in December, exceeding slightly the November volume total of 1,069,701,300 shares. The previous record month had been October 1980, when [illegible],883,000 shares were traded. Monthly volume in 1982 averaged 702,689,573 shares, compared to 651,950,808 shares in 1981.

High, Low & Average Daily Volume

Month	High Day Shares (000 omitted)	High Day Date	Low Day Shares (000 omitted)	Low Day Date	Daily Average (000 omitted)	Trade Days
JANUARY	33,711	1/22	23,285	1/14	27,771	20
FEBRUARY	31,045	2/19	23,038	2/26	26,354	19
MARCH	33,442	3/9	21,196	3/26	26,561	23
APRIL	35,536	4/23	23,901	4/6	28,178	21
MAY	33,705	5/19	21,128	5/24	28,358	20
JUNE	30,960	6/23	20,503	6/1	24,881	22
JULY	30,627	7/8	19,366	7/2	25,769	21
AUGUST	50,845	8/26	23,594	8/10	30,854	22
SEPTEMBER	44,512	9/3	22,763	9/27	35,094	21
OCTOBER	57,016	10/21	26,461	10/4	45,491	21
NOVEMBER	70,466	11/4	26,966	11/26	49,843	21
DECEMBER	61,910	12/8	36,888	12/27	48,618	22
YEAR	70,466	11/4	19,366	7/2	33,329	253

Monthly Share & Dollar Volume

Month	Reported Share Volume[1] (000 omitted)	Dollar Value of Reported Share Volume[2] (000 omitted)	Price of an Average Share Traded[3]
JANUARY	555,751	$ 4,700,524	$ 8.45
FEBRUARY	501,343	3,938,117	7.85
MARCH	611,071	4,915,960	8.04
APRIL	592,772	5,205,741	8.78
MAY	567,782	4,856,616	8.55
JUNE	547,616	4,684,177	8.55
JULY	541,904	5,231,506	9.65
AUGUST	679,101	6,650,135	9.79
SEPTEMBER	737,945	7,769,770	10.52
OCTOBER	955,879	11,220,595	11.73
NOVEMBER	1,055,162	12,774,037	12.10
DECEMBER	1,073,561	12,241,475	11.4[illegible]
TOTALS	8,432,275	$84,188,651	$ 9.98

[1]Reported share volume in a NASDAQ issue by a market maker is calculated by adding the net change in the market maker's inventory to the number of shares which the market maker both bought and sold during the day. For example, a market maker opens the day with an inventory of 5,000 shares of XYZ, Inc. During the day, he buys 2,000 additional shares and sells 4,000 shares, leaving a closing inventory of 3,000 shares. The difference between his opening and closing inventory is 2,000 shares. These 2,000 shares are considered as having changed ownership. An additional 2,000 shares flowed through the market maker's inventory, that is, they can be counted as having been both a buy and a sell. The 2,000 share net change in inventory is added to the 2,000 shares that flowed through the inventory, resulting in a total volume of 4,000 shares in XYZ, Inc. for the market maker. However, for NASDAQ issues traded in NMS, the reported share volume is calculated in the same manner as it is calculated for exchange-listed securities.

[2]NASDAQ daily dollar volume is the sum of each issue's daily share volume multiplied by the closing inside bid price, except that for NASDAQ NMS securities the daily share volume is multiplied by the last-sale price. Monthly dollar volume is the total of daily dollar volume figures for all trading days in the month.

[3]The price of an average share traded is computed by dividing dollar volume by share volume.

The 50 Most Active NASDAQ Securities by Share Volume in 1982

In terms of share volume, the 50 most active NASDAQ securities in 1982 ranged from a high of nearly 207 million to more than 13 million.

The Volume Leader

MCI stock (1) more than tripled its own share volume performance of 1981, (2) led all NASDAQ issues in trading volume, and (3) was the third most actively traded security in any U.S. market. The 206.9 million shares of MCI traded in the NASDAQ market in 1982 greatly exceeded the volume transacted on the NYSE in its three volume leaders — IBM, EXXON and AT&T. However, after regional exchange and OTC volume in both IBM and EXXON is added to the NYSE totals, MCI stands as the third most actively traded stock in the nation in 1982, well ahead of AT&T.

Security	1982 Share Volume
* 1. MCI Communications Corporation	206,909,600
* 2. Apple Computer, Inc.	96,258,300
* 3. Tandem Computers Incorporated	79,026,500
* 4. Intel Corporation	67,097,200
5. Energy Reserves Group, Inc.	51,931,100
6. Air Florida Systems, Inc.	35,437,100
* 7. Graphic Scanning Corp.	33,011,200
* 8. Pabst Brewing Company	31,496,300
* 9. Convergent Technologies, Inc.	31,102,100
*10. Sykes Datatronics Inc.	29,214,500
11. DeBeers Consolidated Mines Limited ADR	28,864,100
*12. Tandon Corporation	27,543,800
13. MGF Oil Corporation	27,301,600
*14. First Executive Corporation	26,947,200
*15. Tom Brown, Inc.	25,897,000
*16. CPT Corporation	25,616,800
17. Fared Robot Systems, Inc.	24,099,600
*18. Seagate Technology	23,544,900
*19. Peoples Restaurants, Inc.	22,809,900
*20. ISC Systems Corporation	22,200,700
21. Minerals and Resources Corporation Limited ADR	21,949,700
*22. Service Merchandise Company, Inc.	21,836,600
23. Nimslo International, Limited ADR	21,049,400
*24. Intermedics, Inc.	20,796,100
*25. American International Group, Inc.	20,098,600
26. Fuji Photo Film Co., Ltd. ADR	18,823,000
*27. Cross & Trecker Corporation	18,766,300
*28. Avantek, Inc.	18,530,400
*29. Tampax Incorporated	17,828,500
*30. United States Surgical Corporation	17,692,000
*31. American Greetings Corporation, Class A	16,836,100
32. Equinox Solar, Inc.	16,833,200
*33. Farmers Group, Inc.	16,355,200
*34. El Paso Electric Company	16,303,100
*35. Quotron Systems, Inc.	15,435,200
*36. The St. Paul Companies, Inc.	15,267,800
*37. Pizza Time Theatre, Inc.	15,154,300
*38. Digital Switch Corporation	14,724,200
*39. Chi-Chi's, Inc.	14,632,500
*40. Comdial Corporation	14,213,500
*41. Nike, Inc., Class B	14,178,500
42. American Surgery Centers Corporation	14,166,300
43. American Quasar Petroleum Co.	14,115,500
*44. Amarex, Inc.	14,106,800
*45. Regency Electronics, Inc.	14,099,500
*46. Jerrico, Inc.	13,972,900
*47. Intergraph Corporation	13,957,800
*48. Economics Laboratory, Inc.	13,938,900
*49. Millipore Corporation	13,875,400
*50. Chart House Inc.	13,379,600

**Indicates NASDAQ National Market System security as of February 1983.*

NOTE: All of the above securities had a 1982 closing inside bid price of $1.00 or more.

$153.1 Billion in Market Value and the 50 Leaders

The aggregate market value of the 2,961 domestic common stocks quoted on NASDAQ and traded solely in the NASDAQ market was $153.1 billion at the end of 1982, up $28.3 billion over the reported 1981 total. Total shares outstanding of these stocks were 17,143,819,000.

The 50 top domestic common NASDAQ securities on December 31, 1982, in terms of market value (the closing inside bid price multiplied by the number of shares outstanding) are shown in the accompanying table.

Security	Total Shares Outstanding** (000 Omitted)	Market Value (000 Omitted)
* 1. American International Group, Inc.	57,663	$4,555,377
* 2. MCI Communications Corporation	97,742	3,562,640
* 3. Intel Corporation	44,973	1,731,460
* 4. Apple Computer, Inc.	57,529	1,718,678
* 5. The St. Paul Companies, Inc.	21,386	1,307,219
* 6. Farmers Group, Inc.	33,952	1,196,808
* 7. Roadway Services, Inc.	19,857	1,136,813
* 8. SAFECO Corporation	18,708	972,816
* 9. Tandem Computers Incorporated	37,433	949,862
10. Berkshire Hathaway Inc.	987	764,925
*11. Pioneer Hi-Bred International	31,922	750,167
12. PACCAR Inc.	9,068	745,843
*13. Allied Bancshares, Inc.	23,707	699,356
*14. Tandon Corporation	22,142	697,473
*15. Sensormatic Electronics Corporation	15,938	689,318
16. Food Town Stores, Inc.	26,096	685,020
*17. Convergent Technologies, Inc.	19,867	665,544
*18. Shared Medical Systems Corporation	12,061	658,832
*19. Banc One Corporation	16,566	637,791
20. Pacific Telecom, Inc.	17,664	635,904
21. Servicemaster Industries, Inc.	14,544	610,848
*22. The Chubb Corporation	12,309	610,834
*23. Pic 'N' Save Corporation	15,631	601,793
*24. Willamette Industries, Inc.	15,243	575,423
*25. Tampax Incorporated	11,283	564,150
26. Commerce Clearing House, Inc.	9,000	558,000
*27. Intergraph Corporation	11,587	553,279
*28. Kemper Corporation	14,355	541,901
*29. Betz Laboratories, Inc.	15,849	534,904
*30. Quotron Systems, Inc.	15,812	533,655
*31. The Price Company	10,977	526,896
*32. First Bank System, Inc.	14,489	519,793
33. Multimedia, Inc.	10,187	499,163
34. Ohio Casualty Corporation	11,507	493,363
35. Wyman-Gordon Company	19,146	488,223
36. The A.C. Nielsen Company, Cl A	6,972	482,811
37. Provident Life and Accident Insurance Company	9,508	480,154
*38. American Greetings Corporation, Cl A	12,584	475,046
*39. Tele-Communications, Inc., Cl A	16,250	450,937
*40. American National Insurance Company	28,974	441,853
41. Tecumseh Products Company	5,470	432,130
42. Molex Incorporated	6,515	423,475
*43. InteCom Inc.	12,992	418,992
*44. Shoney's, Inc.	14,546	418,197
*45. Nordstrom, Inc.	8,367	405,799
*46. Service Merchandise Company, Inc.	14,475	405,300
*47. Adolph Coors Company, Cl B	33,751	405,012
48. Subaru of America, Inc.	6,054	399,564
*49. The Rouse Company	14,982	398,895
50. Pittsburgh National Corporation	12,393	396,576

**Indicates NASDAQ National Market System security as of February 1983.*
***As reported to NASDAQ Operations by December 31, 1982.*

NASDAQ National List and NMS Companies and Their Securities — Profiles and Standards

Profiles

At the end of 1982, there were 1,912 NASDAQ securities in the National List, the principal NASDAQ stock table published in 81 U.S. and overseas newspapers.

As of February 1983, there were 184 securities traded in the NASDAQ NMS (See Pages 14-15).

The average characteristics of each of these categories of securities and of the companies which issued them were the following:

National List Profiles

Securities Data

- Price per share $15
- Public float (shares) 5.4 million
- TSO 7.3 million
- Market value $109.9 million

Company Data*

- Total assets $377.7 million
- Shareholders equity $55.0 million
- Total revenues $125.2 million
- Net income $6.7 million

NMS Profiles

Securities Data

- Price per share $23.38
- P/E ratio 19.8**
- TSO 10.7 million
- Market value $214.3 million
- Number of market makers 15.6

Company Data*

- Total assets $658.2 million
- Shareholders equity $137.6 million
- Total revenues $302.1 million
- Net income $19.4 million

**Based on companies' annual report information on file with the NASD as of December 31, 1982.*

***Average P/E ratio for stocks on the NYSE was 10.4, and for stocks on the AMEX 17.4.*

NASDAQ, National List and NASDAQ NMS Qualification Standards

Standard	For Initial NASDAQ Inclusion (domestic common stocks)*	For Continued NASDAQ Inclusion (domestic common stocks)*	For Newspaper National List Inclusion		SEC Criteria for Mandatory NMS Inclusion	SEC Criteria for Voluntary NMS Inclusion
			Alternative 1	Alternative 2		
Registration under Section 12(g) of the Securities Exchange Act of 1934 or equivalent	Yes	Yes	Yes	Yes	Yes	Yes
Total Assets	$2 million	$750,000	$2 million	$2 million	—	—
Tangible Assets	—	—	—	—	$2 million	$2 million
Capital and Surplus	$1 million	$375,000	$1 million	$8 million	$1 million	$1 million
Net Income	—	—	$300,000 in latest or 2 of 3 last fiscal years	—	—	—
Operating History	—	—	—	4 years	—	—
Public Float (shares)	100,000	100,000	350,000	800,000	500,000	250,000
Market Value of Float	—	—	$2 million	$8 million	$5 million	$3 million
Minimum Bid	—	—	$3	—	$10 on 5 business days	$5 on 5 business days
Trading Volume	—	—	—	—	Average 600,000 shares/month for 6 months	Average 100,000 shares/month for 6 months
Shareholders of Record	300	300	300	300	300	300
Number of Market Makers	2	1	2	2	4 on 5 business days	4 on 5 business days

**Qualification standards for other types of securities are available upon request from the NASDAQ Operations Department in Washington, D.C.*

The NASDAQ National Market System

The NASDAQ National Market System is a special sector of the entire NASDAQ market.

Origins of NASDAQ NMS

A national market system was mandated by Congress in 1975 to increase competition and efficiency in the securities markets and to provide investors with broader access to market information and better execution of orders. In implementing the will of Congress, the SEC subsequently ruled that not only listed securities but also a number of securities quoted on the NASDAQ System should be included in the national market system.

To do this, the Commission proposed that selected NASDAQ securities should be subject to the same kind of real-time transaction reporting as there is on exchange-listed securities. The Commission did not propose to replace the network of competing NASDAQ market makers with the single specialist system of the exchanges, but instead it proposed a combination of competing market makers and transaction reporting.

NMS Securities Qualifications

For the first group of NASDAQ securities to enter NMS, the SEC set a high volume criterion, an average of at least 600,000 shares a month traded over a six-month period prior to the qualification date. It also specified a minimum bid price of $10 a share for five business days before that date, and a number of other financial criteria (see Page 12).

Forty NASDAQ securities met the SEC criteria in January 1982 and were mandated, by SEC rule, into NMS on April 1, 1982. The SEC rule also requires the NASD to review all NASDAQ securities at the end of each quarter to determine whether any more had met the NMS criteria. This led to the addition of eight more securities in NMS in May, 12 more in August and 24 in November (due to the volume surge in the latter part of the year in all markets) for a total of 84 at the end of 1982. An additional 100 NASDAQ issues entered NMS in February 1983.

Similarities and Differences in Trading

The trading of the NASDAQ NMS securities is like that of other NASDAQ issues, in that it is carried out by competing multiple market makers. The average number of market makers per NASDAQ NMS security at the end of 1982 was 17.1; for all NASDAQ securities, it was 7.6.

The differences between the trading of NASDAQ NMS securities and other NASDAQ securities are:

- For NASDAQ-only securities, market makers throughout the trading day enter into the NASDAQ computer only their bid/ask quotations on each of the stocks in which they make a market. For NMS securities, in addition to entering quotations, market makers must report the actual price of each transaction within 90 seconds of its occurrence;
- For NASDAQ-only securities, market makers must aggregate the day's purchases and sales volume in each security in which they make a market, and report the aggregate for each security to the NASDAQ computer at the end of the trading day. For NASDAQ NMS securities, market makers must report the number of shares comprising each transaction throughout the day, at the time the price report is made; and,
- As a result, for NMS securities, NASDAQ terminals and securities salesmen's quotations terminals now show, throughout the day, high, low and last-sale prices and cumulative volume figures, as well as bid and ask quotations.

Visibility, Investor Interest and Volume

The additional information available on NASDAQ NMS securities and the currency of the information gives these issues special visibility to securities professionals and investors. As a result, the April-December 1982 volume in the 40-84 NMS securities was 1.09 billion shares, more than the aggregate volume of all AMEX securities during the same period.

The 84 NASDAQ NMS Issues in 1982

The 84 securities listed on this page were traded in the NASDAQ National Market System at the end of 1982.

Explanation of Table

Reading from left to right, the data on each security is as follows:

- The NASDAQ symbol by which the security is identified in the NASDAQ System, on NASDAQ terminals and on securities salesmen's terminals;
- The name of the issue, followed by (M) if eligible for purchase in margin accounts;
- The month/day in 1982 when the security entered NMS;
- The 1982 share volume in the security. This figure is a combination of the 1982 volume in the security both before and after it entered NMS;
- The 1982 high, low and last-sale prices for the security. The high and low prices may be either bid quotations (intra-day or end-of-day) or actual transaction prices, depending on whether the high and low prices were established before or after the security entered NMS. The last-sale price is always an actual transaction price;
- The 1981 final adjusted inside bid price. This is a quotation and not a transaction price. If there was a stock split or dividend in the security during 1982, as shown by the symbol †, the 1981 final adjusted inside bid price has been adjusted accordingly (i.e. if the actual 1981 final inside bid price was 20 and the stock was split 2-for-1 in 1982, the 1981 final adjusted inside bid price is 10); and,
- The percent change, reflecting the difference between the 1981 final adjusted inside bid price and the 1982 last transaction price.

NASDAQ SYMBOL	SECURITY	DATE ENTERED NMS	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH PRICE	1982 LOW PRICE	1982 LAST SALE PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
ACIG	Academy Insurance Group Inc (M)	4/01	105757	25	11⅜	19½	14¼	+ 36.8
ACCOB	Adolph Coors Co Cl B (M)	11/08	120900	15	9⅞	12¼	10⅜	+ 18.1
AMRX	Amarex Inc (M)	4/01	14068	22⅛	1⅛	1⅜	18⅜	— 92.7
AGREA	American Greetings Corp Cl A (M)	4/01	168361	42⅞	17⅜	37⅜	20⅛	+ 87.6
AINC	American Income Life Ins Co (M)	11/08	68307	26¼	14⅜	23	21⅞	+ 5.1
AIGR	American International Group Inc (M)	4/01	200986	83½	54½	79	64⅜	+ 22.0
AAPL	Apple Computer Inc (M)	4/01	962583	34⅞	10¾	29⅞	22⅛	+ 35.0
AVAK	Avantek Inc (M)	4/01	185304	25⅛	11⅞	21¼	17	+ 25.0
BETZ	Betz Laboratories Inc (M)	8/09	96980	42¼	24¾	33¾	28½	+ 18.4
CPTC	CPT Corp (M)	4/01	256168	20¼	9¼	17⅛	18	— 0.7
CTUS	Cetus Corp (M)	4/01	104956	14¼	7⅜	12⅜	13½	— 8.3
CHHO	Chart House Inc (M)	8/09	133796	28⅜	15¼	24¾	19⅛	+ 29.4
CHIC	Chi Chi's Inc (M)	8/09	146325	23¾	7½	22¾	9¼	+ 145.9 †
CHUB	Chubb Corp (The) (M)	5/10	124018	61¼	29¾	49⅝	46	+ 7.8
TILE	Color Tile Inc (M)	4/01	122895	28	11⅛	24⅝	12¾	+ 93.1
CMDL	Comdial Corp (M)	11/08	142135	22	4⅜	21⅝	6⅞	+ 214.5
CMPH	Comprehensive Care Corp (M)	8/09	133615	20⅜	9⅞	18¾	17⅛	+ 4.9
CVGT	Convergent Technologies Inc	8/09	311021	39	10¾	33⅜	14¾	+ 128.0
CTCO	Cross & Trecker Corp (M)	4/01	187663	26¼	12⅜	20¼	26¼	— 22.9
DKLBB	DeKalb Ag Research Inc Cl B (M)	11/08	99666	26	12¼	16¾	25½	— 34.3
DIGI	Digital Switch Corp (M)	8/09	147242	49½	9¼	38¼	9⅛	+ 319.1
DCTL	Docutel/Olivetti Corp (M)	11/08	79640	31¼	16	20¼	26½	— 23.6
DYSN	Dysan Corp (M)	11/08	126762	21¼	10⅜	16½	18⅜	— 10.2
ECON	Economics Lab Inc (M)	4/01	139389	30¼	16¼	28	16½	+ 69.7
ELPA	El Paso Electric Co (M)	4/01	163031	12¾	10	12¼	10⅜	+ 14.0
FGRP	Farmers Group Inc (M)	4/01	163552	40¼	29¼	35¼	32	+ 10.1
FBKS	First Bank System Inc (M)	11/08	76186	44	27½	35⅞	34¾	+ 3.2
FLAG	Flagship Banks Inc (M)	4/01	63004	29⅜	19⅛	23	21⅝	+ 6.4
GFPZ	Godfather's Pizza Inc	11/08	77013	17⅞	9⅜	15½	9¾	+ 59.0
GSCC	Graphic Scanning Corp (M)	4/01	330112	21	7⅛	18½	17¼	+ 7.2
HADS	Hadson Petroleum Corp (M)	4/01	105845	17½	4¼	4¾	17	— 72.1
IMSI	IMS International Inc (M)	8/09	102815	24⅛	13	21⅜	23⅝	— 9.5
ISCS	ISC Systems Corp (M)	4/01	222007	20⅜	10¼	18½	19¾	— 6.3
INTC	Intel Corp (M)	4/01	670972	41½	20¾	38¾	22½	+ 72.2
INGR	Integraph Corp (M)	4/01	139578	50⅜	15½	47⅜	25	+ 91.0
ITEM	Intermedics Inc (M)	4/01	207961	37⅞	13¼	14⅜	33⅛	— 56.6
JERR	Jerrico Inc (M)	4/01	139729	29⅜	15½	25⅜	17¾	+ 44.4
LBKF	Landmark Banking Corp of Florida (M)	11/08	65004	14⅜	7¼	14⅜	9¼	+ 58.1 †
LINV	Life Investors Inc (M)	4/01	19010	30⅜	23¾	28¼	23⅝	+ 18.3
LINB	Lin Broadcasting Corp (M)	11/08	81045	35½	17½	32¾	18⅞	+ 73.5 †
MCIC	MCI Communications Corp (M)	4/01	2069096	45¾	12¾	36⅜	17	+ 114.0 †
MAYP	May Petroleum Inc (M)	5/10	118893	26	5⅜	10	26	— 61.5
MCCRK	McCormick & Co Inc (M)	11/08	86842	32¼	18	26⅜	19½	+ 36.5
MCOG	McRae Consolidated Oil & Gas Inc (M)	4/01	113326	17½	9⅜	10¼	17⅛	— 40.9
MILI	Millipore Corp (M)	4/01	138754	31⅜	14½	28¼	19	+ 48.7
MORR	Morrison Inc (M)	11/08	88461	17¾	8¼	17½	8⅜	+ 102.9
NDTA	National Data Corp (M)	4/01	88713	26¼	12¾	22⅜	20⅜	+ 9.6
NSCO	Network Systems Corp (M)	4/01	125047	38¾	14¾	34⅜	21½	+ 61.0
NOGC	Nicklos Oil & Gas Co (M)	4/01	80410	19¾	4	5	19¾	— 74.7
NIKE	Nike Inc Cl B (M)	5/10	141785	56	24⅞	45⅛	28¼	+ 59.7
NURX	Nuclear Pharmacy Inc (M)	11/08	102252	18⅜	6⅜	15¾	9⅜	+ 68.0
OCER	Oceaneering International Inc (M)	4/01	84418	13⅜	11⅛	11⅞	18¾	— 36.7
PABT	Pabst Brewing Co (M)	4/01	314963	33⅜	12⅜	21	15⅜	+ 36.6
PAYN	Pay 'n Save Corp (M)	4/01	76953	33⅜	16½	30⅜	23⅛	+ 33.5
PEXP	People Express Airlines Inc	11/08	100089	25⅞	8½	21½	8⅜	+ 149.3
PICN	Pic 'N' Save Corp (M)	11/08	75101	38¾	13½	38¾	16	+ 142.2
PHYB	Pioneer Hi-Bred International Inc (M)	8/09	102607	28½	19¼	23½	25⅜	— 8.3 †
CHKY	Pizza Time Theatre Inc (M)	8/09	151543	32⅜	14¼	15⅜	22½	— 30.0
PCLB	Price Co (The) (M)	11/08	71520	48½	12	48	15¼	+ 214.8
QUOT	Quotron Systems Inc (M)	11/08	154352	36½	14	33⅜	17⅞	+ 88.8
RVCC	Reeves Communications Corp (M)	5/10	111492	28⅜	15⅞	17½	21	— 16.7 †
RGCY	Regency Electronics Inc (M)	11/08	140995	19½	7¼	16⅜	10⅜	+ 57.6
ROAD	Roadway Services Inc (M)	5/10	115277	63	30¼	57¼	38¼	+ 49.7
SAFC	SAFECO Corp (M)	11/08	84020	54⅜	29⅞	52	39½	+ 31.6
SCHC	Scherer (RP) Corp (M)	11/08	83739	19⅜	10⅛	17	11⅞	+ 43.1
SGAT	Seagate Technology (M)	4/01	235449	24⅞	8⅜	21	14½	+ 44.8
SNSR	Sensormatic Electronics Corp (M)	11/08	106641	44	18	43¼	22⅜	+ 93.3 †
SMCH	Service Merchandise Co Inc (M)	4/01	218366	28¼	9½	28	11⅞	+ 138.3
STPL	St Paul Companies Inc (The) (M)	4/01	152678	65¼	35⅜	61⅛	48⅞	+ 25.1
SYKE	Sykes Datatronics Inc (M)	4/01	292145	28⅜	5⅜	11	28½	— 61.4
TPAX	Tampax Inc (M)	4/01	178285	53	31⅛	50¼	31⅝	+ 58.9
TNDM	Tandem Computers Inc (M)	4/01	790265	32⅜	14¼	25⅜	27⅜	— 8.6
TCOR	Tandon Corp (M)	5/10	275438	37	12	31½	14¼	+ 121.1 †
TCOMA	Tele-Communications Inc Cl A (M)	11/08	74746	28⅜	12⅜	27⅜	18⅜	+ 51.0
TXON	Texon Energy Corp	11/08	104188	13	4⅜	6⅜	10¼	— 34.1
TIPR	Tipperary Corp (M)	5/10	107885	25⅞	4	5⅜	22⅜	— 76.2 †
TMBR	Tom Brown Inc (M)	4/01	258970	25⅞	7⅜	8⅜	25⅞	— 66.7 †
TLAM	Tony Lama Co Inc (M)	8/09	91782	32¼	14	21⅛	27⅜	— 23.9
TWEX	Trans-Western Exploration Inc (M)	4/01	46263	12	4	4¼	12	— 64.6
TRSC	Triad Systems Corp (M)	5/10	92066	32½	9½	20¾	32½	— 36.2
USBC	US Bancorp (M)	8/09	81065	22¾	13½	18	22½	— 20.0 †
USSC	US Surgical Corp (M)	4/01	176920	26	14¾	20	20¾	— 3.7
VNCP	Valley National Corp (M)	11/08	97032	23⅜	13	17½	22⅜	— 23.1
YELL	Yellow Freight System Inc (M)	8/09	112220	21½	10⅞	19	15⁵	+ 20.6

100 Additional NMS Issues, February 1983

The 100 securities on this page entered NASDAQ NMS in February 1983. They are now included in newspaper NASDAQ NMS stock tables together with those which entered NMS in 1982.

The 100 issues in this table are a combination of:

- NASDAQ issues which on December 31, 1982, met the same mandatory criteria as the 84 already in NMS; and,
- NASDAQ securities meeting voluntary designation criteria set by the SEC, which include a minimum average of 100,000 shares a month trading volume during six months and a minimum bid price of $5 for five business days before the qualification date.

Explanation of Table

Reading from left to right, the data on each security is as follows:

- The NASDAQ symbol by which the security is identified in the NASDAQ System, on NASDAQ terminals and securities salesmen's terminals;
- The name of the issue, followed by (M) if eligible for purchase in margin accounts;
- The 1982 share volume in the security;
- The 1982 high bid price, either intra-day or end-of-day;
- The 1982 low bid price, either intra-day or end-of-day;
- The 1982 closing bid price;
- The 1981 final adjusted inside bid price. Adjustments made for stock splits or dividends are indicated by the symbol †; and,
- The percent change, reflecting the difference between the 1981 final adjusted inside bid price and the 1982 closing bid price. An asterisk * indicates that the security entered the NASDAQ System during 1982 and that the percent change from 1981 is actually the change from the closing inside bid price on its first day of quotation in 1982.

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
ADAC	ADAC Laboratories (M)	83106	23⅛	6¼	19¼	8⅜	+ 128.3†
ALEX	Alexander & Baldwin Inc (M)	22276	33⅛	19	32⅜	22⅝	+ 42.3
ALBN	Allied Bancshares Inc (M)	79300	33⅛	20⅞	29½	32¾	— 9.9
ALTO	Altos Computer Systems	50142	39	24⅜	24⅜	30¼	— 18.1*
ABIG	Amer Bankers Ins Group (M)	83596	12⅝	6⅜	10⅜	7⅜	+ 40.6
ANAT	Amer National Ins Co (M)	25035	17¼	12¼	15¼	14½	+ 5.1
ANDW	Andrew Corp (M)	42293	38¼	17⅜	36	22¼	+ 61.7
AMAT	Applied Materials Inc (M)	53922	24	11¼	22⅜	14	+ 62.5
ASTR	Astrosystems Inc (M)	64533	13⅛	4½	10⅞	5½	+ 97.7
ATRC	Atlantic Research Corp (M)	32763	38	13⅜	35½	17¼	+ 105.7†
BONE	Banc One Corp (M)	29190	40¾	23¼	38½	23¾	+ 62.1†
BBNK	BayBanks Inc (M)	31529	37	19⅜	30	25⅜	+ 16.5†
BEKN	Bekins Co (The) (M)	56524	17	11	15⅜	13¼	+ 17.9
ATBL	Bliss (AT) and Co Inc (M)	89185	28½	4¼	26½	5	+ 430.0
BOBE	Bob Evans Farms Inc (M)	48649	39¾	19⅜	36	19⅜	+ 81.1†
CCBL	C-COR Electronics Inc (M)	59472	35¾	15⅜	20	17½	+ 14.2
CCCI	C3 Inc (M)	81234	20¾	7	14¼	20	— 28.7
CMIC	California Microwave Inc (M)	71504	23⅜	9½	22¼	12¼	+ 88.6
CARL	Carl Karcher Enterprises Inc (M)	34359	23½	8¾	20¾	9½	+ 118.4
CHRS	Charming Shoppes Inc (M)	53755	20	9¼	18¾	11⅜	+ 59.5
CIFR	Cipher Data Products Inc (M)	56009	27¼	10	23½	12⅝	+ 84.3
CSGA	Citizens & Southern Ga (M)	108329	12⅝	7⅜	10⅜	8⅜	+ 23.1
CTYF	City Federal S&L Assn (M)	55127	22	3⅜	17⅜	4½	+ 294.4†
COBE	Cobe Laboratories Inc (M)	22359	35	20¼	30¼	24	+ 26.0
CCPA	Communications Corp of Am (M)	65024	15¼	5⅞	13	8½	+ 52.9
CCUP	Compucorp (M)	82415	23¼	7¼	19⅜	11¼	+ 74.4
CCTC	Computer & Comm Tech (M)	98848	25¼	9½	14¾	25	— 41.0
CCPT	Concept Inc (M)	56881	15¼	5⅜	12⅜	7	+ 80.3
CCITS	Cons Cap Inc Tr SBI (M)	35482	28	20¼	27⅜	22½	+ 23.3
CRVS	Corvus Systems Inc (M)	70512	23	10⅝	17⅜	14⅜	+ 19.4
DDCC	Decision Data Computer Corp (M)	89400	14¼	2⅜	10⅜	3⅛	+ 244.0
ELRC	Electro Rent Corp (M)	54240	21⅛	5	18¼	6⅛	+ 197.9†
EQTY	Equity Oil Co (M)	55726	10¼	5⅜	7⅜	9⅜	— 25.3
ESCC	Evans & Sutherland Comp (M)	52057	48¼	17⅜	42¼	29¼	+ 44.4
FFED	Fidelity Federal S&L Assn	36871	16	10	13¼	11⅜	+ 16.4*
FEXC	First Executive Corp (M)	269472	18	7⅛	17½	8⅜	+ 102.8
FONR	Fonar Corp (M)	87740	15½	3⅜	12⅜	10⅜	+ 13.7
FOUR	Forum Group Inc (M)	61558	14⅜	4½	11⅜	6¼	+ 86.0
FULL	Fuller (HB) Co (M)	28017	25½	14¼	23⅜	25	— 5.5
GENE	Genentech Inc (M)	36164	51	26	41⅜	36¼	+ 15.1
GULD	Goulds Pumps Inc (M)	24604	20	13⅜	17⅜	19¼	— 7.7
HBOC	HBO & Co (M)	44033	40¼	18⅞	34½	23⅞	+ 44.5†
HDYN	Healthdyne Inc (M)	64581	34	8⅜	32⅜	8⅜	+ 269.0†
HOMD	Home Depot Inc (The) (M)	51982	30	5	24½	5	+ 390.0†
HHCA	Home Health Care of Amer Inc	58730	26¼	6⅛	23½	8⅛	+ 189.2†
HOOV	Hoover Co (The) (M)	52071	14⅛	8⅛	11¼	9⅜	+ 20.0
HYST	Hyster Co (M)	24204	40⅜	28½	38¼	35⅜	+ 8.1
INCM	InteCom Inc	47806	37½	22	32¼	22	+ 46.5*
INTL	Inter-Tel Inc (M)	93718	17¼	6¼	10¼	16½	— 37.8
INMA	Intermagnetics General Corp (M)	48749	21⅜	6⅜	18⅜	8½	+ 120.5
KEMC	Kemper Corp (M)	36618	44¼	23	37⅜	32⅜	+ 15.2
KNDR	Kinder-Care Learning Ctrs (M)	84129	24½	10	21⅞	10⅞	+ 101.1†
LEDA	Lee Data Corp	42125	31½	24¼	26½	28¼	— 6.1*
LIEB	Liebert Corp (M)	42455	32	14⅜	30½	19¼	+ 58.4†
LFBR	Longview Fibre Co (M)	15515	24½	14½	19½	24	— 18.7
MDCO	MDC Corp (M)	53772	14¼	3⅜	12⅜	4½	+ 175.0
MANT	Manitowoc Co Inc (The) (M)	16527	26½	14½	18	26⅜	— 32.0
MOGC	McCormick Oil & Gas Co (M)	40046	17⅜	6	7	17⅜	— 60.2
MICS	Micom Systems Inc (M)	44131	55⅜	19⅜	49⅜	28½	+ 74.5
MCDY	Microdyne Corp (M)	58468	16	6⅜	10⅜	15¾	— 31.7
MDWY	Midway Airlines Inc (M)	64655	17⅞	7¼	16⅜	12¼	+ 36.7
MONC	Monarch Capital Corp (M)	35123	25⅞	16⅞	24	22⅞	+ 5.4
MMIC	Monolithic Memories Inc (M)	69898	21¼	9½	18½	12	+ 54.1
NMIC	National Micronetics Inc (M)	73380	20	8½	17½	16⅜	+ 5.2†
NOBE	Nordstrom Inc (M)	50338	50⅜	26	48½	31½	+ 53.9
NWNG	Northwest Natural Gas Co (M)	26278	12½	10¼	11½	11½	
OLYB	Olympia Brewing Co (M)	44533	24	11⅜	23¾	11⅜	+ 106.5
ONIX	Onyx + IMI Inc (M)	119272	15¼	5½	11	12	— 8.3
OXCO	OXOCO (M)	70772	13½	5⅜	8	13⅜	— 40.7
PDPR	Pandick Press Inc (M)	58112	30⅜	12¼	30⅜	15⅜	+ 96.0†
PEPL	Peoples Restaurants Inc (M)	228099	9⅜	2⅛	7⅜	2¼	+ 227.7
PLIT	Petrolite Corp (M)	31128	37	19⅜	31	37	— 16.2
PHNA	Philadelphia National Corp (M)	38274	56¼	29¼	51⅜	31¼	+ 65.2
PITS	Pittsburgh National Corp (M)	53331	38	22½	32	27¼	+ 17.4
PTNX	Printronix Inc (M)	34558	30	17	26½	18¼	+ 45.2
QUAD	Quadrex Corp (M)	105290	15½	4⅜	7⅛	15½	— 54.0
RPOW	RPM Inc (M)	34671	16⅜	8⅜	14½	11	+ 31.8
REAN	Rainier Bancorp (M)	46065	28½	17⅜	27⅜	27	+ 2.7
RIVL	Rival Mfg Co (M)	60278	15⅛	8⅛	11⅛	10¼	+ 8.5
ROCK	Rockor Inc (M)	72303	11⅜	6	10⅜	6⅛	+ 75.5
ROUS	Rouse Co (The) (M)	34495	28¼	14½	26⅝	20½	+ 29.8
SCIS	SCI Systems Inc (M)	66273	30⅜	10	29⅜	14¼	+ 108.7†
SRIC	SRI Corp (M)	25205	38⅜	17¼	35½	23¼	+ 52.6
SBIG	Seibels Bruce Gp Inc (The) (M)	28945	31½	18⅜	26	25⅜	+ 0.9
SMED	Shared Medical Sys Corp (M)	66746	55	25⅜	54⅜	37⅛	+ 47.1
SHON	Shoney's Inc (M)	50928	29⅜	12½	28⅜	14½	+ 98.2
SMSC	Standard Microsystems Corp (M)	73824	21⅜	5⅞	18	6¼	+ 188.0
TELE	Telecom Plus International Inc (M)	53115	25	10⅜	22¼	12	+ 90.6†
TPIX	Telepictures Corp (M)	62943	14½	5	11⅜	8¼	+ 43.9
TRLS	Thousand Trails Inc (M)	56553	24⅜	4⅜	20	6	+ 233.3
UTVI	United Television Inc (M)	83866	12¼	6⅜	11	7¼	+ 51.7
UHSIB	Univ Health Svcs Cl B (M)	47128	36	17	35¼	19⅞	+ 77.3
VCTR	Vector Graphics Inc (M)	60106	15¼	4⅜	12	14¼	— 15.7
WETT	Wetterau Inc (M)	66897	19⅜	9¼	17⅜	12⅜	+ 44.4
WMTT	Willamette Industries Inc (M)	53618	39¼	16	37⅜	29¼	+ 29.0
WILF	Wilson Foods Corp (M)	126700	9⅜	4½	9⅜	5⅜	+ 71.1
WILN	Wilson (HJ) Co Inc (M)	20610	29⅜	14½	22⅛	16½	+ 34.0†
WTHG	Worthington Industries Inc (M)	50424	24¼	12½	23½	22	+ 6.8
XICO	Xicor Inc (M)	86701	15⅜	5	14¼	8	+ 78.1
XIDX	Xidex Corp (M)	44656	23⅜	10⅜	22¼	14⅜	+ 49.5

NMS Volume, Block Volume, Market Maker Support and Visibility in 1982

Total NMS Volume

The total NASDAQ NMS share volume from April 1, 1982, when there were 40 NMS securities, to December 31, when there were 84 securities, was 1.09 billion shares.

NASDAQ NMS volume was 16.1% of the total NASDAQ volume for the same nine months and 13.0% of total NASDAQ volume for all of 1982.

Market Maker Support

Groups of NASDAQ securities entered NMS in April, May, August and November 1982.

On the day before their entry into NMS, the average number of market makers in each of these securities was 17.

At the end of 1982, the average number of market makers for each of the NASDAQ NMS securities was 17.1.

The 50 securities mandated into NMS on February 8, 1983, averaged 14.9 market makers each, and the 50 entering NMS voluntarily on that date averaged 13.7 market makers each the day before their entry into NMS.

Visibility

- Last sale, high, low, net change, cumulative volume and inside quotations data on the 184 NMS securities is available throughout the day on all 81,200 quotation terminals used by securities professionals in the U.S. and abroad;
- All the transaction data and inside quotations, plus the quotations of all the market makers in each NMS security are available on over 1,700 NASDAQ terminals in the trading rooms of securities firms and financial institutions;
- Most of the 79 U.S. newspapers carrying the NASDAQ National List publish the NASDAQ National Market List in a separate box or section. In addition, a number of newspapers print the NASDAQ National Market List without the National List; and,
- Overseas, the *International Herald Tribune* (Paris) and *The Wall Street Journal/Europe* print the NASDAQ National Market List, as well as the National List.

Monthly NMS Volume

Month	NMS Volume	Number of NMS Trades Reported
April	71,862,000	64,927
May	60,690,000	52,452
June	68,037,000	60,701
July	88,562,000	67,199
August	133,882,000	110,100
September	144,993,000	116,045
October	172,145,000	145,854
November	175,560,000	153,932
December	176,738,000	147,595
Totals	1,092,469,000	918,805

Note: Data does not include trades executed before the market opens at 10:00 a.m. ET and after the market closes at 4:00 p.m. ET.

Monthly NMS Block Volume

Month	Share Volume of Block Size Trades	Number of Block Size Trades Reported
April	23,383,948	1,237
May	21,474,581	1,039
June	24,863,977	1,218
July	32,030,610	1,621
August	48,348,147	2,466
September	52,672,966	2,677
October	63,870,989	3,249
November	63,263,392	3,269
December	69,634,069	3,248
Totals	399,542,709	20,024

Note: Block size transactions are at least 10,000 shares, at a price of at least $1.00 a share. Data does not include activity before the opening or after the closing of the market.

NASD Market Surveillance of NMS and NASDAQ Securities

NMS Surveillance

In order to ascertain NASD member compliance with NMS trade reporting rules, sophisticated computer programs have been designed to compare every NMS trade report against the last sale to identify those which are reported beyond pre-set parameters. NMS trades are also compared against "inside market" prices — best bid and best offer.

Statistics demonstrated widespread compliance with NMS requirements. For example, 99.8% of all NMS trades analyzed in September and October 1982 were reported at the prevailing market or within an acceptable deviation from the last-sale price.

During the year, the Association's District Offices conducted special on-site examinations of members to determine the accuracy and timeliness of NMS trade reports, required to be made within 90 seconds of execution, and the reporting of block transactions. Member education was also an integral part of NMS surveillance. The Association conducted instructional seminars across the country which were supplemented by special materials and notices sent to members.

Surveillance of NASDAQ Securities

For the entire NASDAQ market, state-of-the-art automated systems provide continuous surveillance. Pre-set parameters for price, volume, and other factors are built into the System for every NASDAQ security with unusual trading activity automatically triggering one or more parameter breaks. The NASD's Market Surveillance staff responds to these alerts by investigating the causes of unusual price movements, sudden increases in volume, as well as other questionable situations.

Among the tools available to the Association for monitoring the NASDAQ market are various computer-produced reports such as the overnight stockwatch report, which signals unusual price fluctuations in the prior day's and prior week's trading in each NASDAQ issue. These kinds of reports are extremely useful to the NASD in its efforts to detect instances of possible insider trading and market manipulation.

Record Market Surveillance Activity

NASD Market Surveillance was extremely active in 1982. There were 5,240 on-line price parameter breaks, a 3% increase from 1981 and more than 26% above the level of two years ago. There were 706 formal reviews of unusual price or volume activity during the year. Of that number, 184 investigations were conducted in 1982, a 36% increase over the 1981 totals.

Quotation halts are another aspect of surveillance. In these situations, the NASD suspends quotations in a security when there is material news pending about the issuer that could affect the price of its stock. Once the news is widely available to investors, quotations are resumed. The vast majority of quotation halts are undertaken with the full cooperation of NASDAQ companies. In 1982 there were 625 quotation halts, as compared to 627 in the prior year.

Broker/Dealer Surveillance

The work of NASD Market Surveillance is strongly reinforced by NASD broker/dealer surveillance. When Market Surveillance refers cases to the NASD's District Offices around the country, NASD staff examiners conduct on-site inspections in the offices of the broker/dealers which traded the securities during the periods under investigation.

Broker/dealers trading NASDAQ securities are subject not only to the NASD's Market Surveillance regulatory program, but also to overall surveillance in which the Association checks for and enforces compliance with the NASD's By-Laws and Rules of Fair Practice and with federal securities laws and the rules and regulations thereunder. As a result of its disciplinary proceedings, the NASD in 1982 expelled five firms, barred 44 individuals and suspended five firms and 43 individuals.

1982 Performance of NASDAQ Securities

Aggregate Data

At the end of 1982, there were 3,664 securities on the NASDAQ System, a decrease of 23 from 1981. Of the total (which includes the 184 NMS securities), 3,004 were domestic common stocks, 61 were domestic preferred stocks, 268 were foreign stocks or American Depositary Receipts. (ADRs), and 331 were miscellaneous securities, such as convertible debentures (Dbs), shares of beneficial interest (SBI), units (Uts) and warrants (Wts).

Among all these NASDAQ securities in 1982, there were 2,005 advances: 28 with gains over 200%; an additional 300 with gains of over 100%; and, another 424 with gains of over 50%. There were 1,499 declines, 546 of them greater than 50%. 160 securities were unchanged from the end of 1981 to the end of 1982.

Explanation of Table

Reading from left to right, the data on each security is as follows:

- The NASDAQ symbol by which the security is identified in the NASDAQ System, on NASDAQ terminals and on securities salesmen's terminals;
- The name of the issue, followed by (M) if eligible for purchase in margin accounts;
- The 1982 share volume in the security;
- The 1982 high bid price, either intra-day or end-of-day;
- The 1982 low bid price, either intra-day or end-of-day;
- The 1982 closing bid price;
- The 1981 final adjusted inside bid price. Adjustments made for stock splits or dividends are indicated by the symbol †; and,
- The percent change, reflecting the difference between the 1981 final adjusted inside bid price and the 1982 closing bid price. An asterisk * indicates that the security entered the NASDAQ System during 1982 and that the percent change from 1981 is actually the change from the closing inside bid price on its first day of quotation in 1982.

The individual performance data on the 184 NASDAQ NMS securities is not repeated in the table the follows; however, for each security, there is a reference to either Page 14 or Page 15, where the individual performance data does appear.

	NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE		PERCENT CHANGE FROM 1981
A	ABKC	ABKCO Industries Inc	257	½	½	½	½		
	ABSI	ABS Industries Inc	1833	14¼	1	1¾	4	—	56.2*
	ACMT	ACMAT Corp	2547	8¼	4½	8	5½	+	45.4
	ACSC	ACS Industries Inc	855	2⅛	1⅛	2	1¾	+	14.2
	ADAC	ADAC Laboratories			See Page 15				
	XAID	ADI Electronics Inc	8672	3⅜	¾	2¾	1¾	+	57.1
	XAIDW	ADI Electronics Inc Wts	7440	1¼	¼	⅜	¼	+	250.0
	ADND	ADM Industries Inc	1030	2⅜	1⅝	1¾	2 3/16	—	20.0
	AECE	AEC Inc (M)	1502	7	4	5½	6¼	—	12.0
	AELNA	AEL Industries Inc Cl A (M)	10465	18¼	8¾	17⅛	11¼	+	52.2
	AFAP	AFA Protective Systems Inc	836	33½	11	32¼	11½	+	180.4
	AFGN	AFG Industries Inc (M)	24520	24½	6¾	23½	10	+	135.0
	AFPC	AFP Imaging Corp	12312	8¼	2	6⅝	2⅝	+	152.3
	AGMN	AGM Industries Inc	595	13¾	10¼	13¾	10¼	+	34.1
	AGSC	AGS Computers Inc	8810	18½	7¼	15½	9½	+	63.1*
	AMCIF	AMCA Resources Ltd	2539	1¾	⅜	½	1¾	—	71.4
	AMTV	AM Cable TV Industries Inc (M)	23642	9⅜	4½	7½	7⅛	+	5.2
	AMFIA	AMFI Corp Cl A (M)	953	14	9½	11	12¼	—	10.2
	AMIS	AMI Systems Inc	2793	3⅜	2½	2½	3	—	16.6*
	APITS	API Trust SBI	1928	2⅜	¼	2	1⅛	+	6.6
	AVMC	AVM Corp (M)	2943	5½	3⅜	5	4	+	25.0
	AWCSA	AW Computer Systems Inc Cl A	276	3¾	2	3¾	2	+	87.5
	ARON	Aaron Rents Inc	12354	22	17½	19¼	20½	—	6.0*
	ABRI	Abrams Industries Inc	248	7¼	6⅜	6¾	6⅜	+	5.8*†
	ACIG	Academy Insurance Group Inc			See Page 14				
	ACAD	Acadia Petroleum Corp	134495	5/32	1/32	1/32	5/32	—	66.6
	ALAR	Acapulco Y Los Arcos Restaurantes (M)	11160	8	3½	5⅜	5⅛	+	9.7
	ACLE	Acceleration Corp (M)	7413	4½	2⅜	3⅜	2½	+	35.0
	ACCU	Accu Test Systems Inc	16519	2	1/16	⅛	1⅜	—	92.3
	ACCUU	Accu Test Systems Inc Uts	3927	6½	⅛	¼	5¼	—	95.2
	ACCUW	Accu Test Systems Inc Wts	3350	⅜	1/32	1/32	¼	—	87.5
	ACRA	Accuray Corp (M)	35810	16⅛	6½	13⅞	7¼	+	91.3
	ACET	Aceto Chemical Co Inc (M)	2476	16⅞	10½	15⅜	11¼	+	40.0†
	ACME	Acme General Corp	1131	7¾	3⅜	7¾	5⅝	+	34.7
	ACRO	Acro Energy Corp	539	4¾	1¼	4	3	+	33.3*
	ADGE	Adage Inc (M)	14855	43	14½	39½	18	+	119.4
	ADSNB	Addison-Wesley Publishing Co Inc Cl B (M)	4376	18½	8¾	17½	10½	+	66.6
	ADDC	Addmaster Corp	646	¾	⅜	⅝	½	+	25.0
	ACCOB	Adolph Coors Co Cl B			See Page 14				
	AROS	Advance Ross Corp (M)	23630	5½	3	5	3⅜	+	48.1
	ADVC	Advance Circuits Inc	7957	3¼	1⅜	2⅜	3	—	20.8
	ADVCW	Advance Circuits Inc Wts	155	1½	½	⅝	1⅜	—	75.1
	ACTPC	Advanced Computer Techniques Corp	4913	3⅛	1	1¾	2½	—	30.0
	AFSI	Advanced Fuel Systems Inc	2418	5	⅜	⅝	5	—	92.5
	AMSI	Advanced Monitoring Systems Inc	53014	11⅝	2¼	3⅛	10	—	68.7
	APAT	Advanced Patent Technology Inc	36018	1 5/16	3/16	5/16	1	—	68.7*
	ASMIF	Advanced Semiconductor Materials International (M)	13618	13	6½	12	7¾	+	54.8
	ADVS	Advanced Systems Inc (M)	12806	19	9⅛	19	14⅝	+	29.9†
	ADCO	Advantage Companies Inc	3205	13/32	1/16	3/32	13/32	—	76.9
	ADLA	Adventure Lands of America Corp	3323	1 13/16	1 1/16	1¼	1 5/16	—	4.7
	AUNL	Advertising Unlimited Inc	220	7⅛	5	6⅜	5¼	+	28.5
	AEIC	Aeicor Inc	12829	1 5/16	5/32	7/16	5/16	+	40.0
	AERO	Aero Services International Inc (M)	16382	2	⅞	1⅞	1¾	+	7.1
	AESM	Aero Systems Inc (M)	89284	7¼	2⅜	5⅞	3	+	95.8†
	ASON	Aerosonic Corp (M)	15416	3½	1	1⅜	3⅜	—	59.2
	ABWY	Affiliated Bank Corp of Wyoming (M)	2798	40	21½	28	28		

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
AFBK	Affiliated Bankshares of Colorado Inc (M)	15926	21¼	14	18	21¼	— 15.2
AGGY	Aggie Oil Co	5442	1	1/16	1/16	1 1/16	— 93.3
AEAGF	Agnico-Eagle Mines Ltd	46867	14⅜	3⅜	14½	5⅜	+ 169.7
AGOL	Agoil Inc	15584	1¼	1/16	5/16	1	— 68.7
AGOLU	Agoil Inc Uts	2025	3	⅜	⅜	2½	— 75.0
AGOLW	Agoil Inc Wts	2072	½	1/32	1/32	½	— 93.7
AASS	Aid Auto Stores Inc	723	2⅛	1⅛	1⅛	1⅛	+ 33.3†
AIMT	Aim Telephones Inc	4366	2⅜	¾	2	2⅜	— 15.7
AIMX	Aimexco Inc	40148	5/16	1/16	1/32	5/16	— 38.8
ARCE	Air Cargo Equipment Corp	2591	4	2⅛	3⅜	3	+ 20.8
ACHP	Air Chaparral Inc	27905	1	⅛	1/16	⅛	+ 37.5
AIRLC	Air Florida Systems Inc (M)	354371	7¼	1⅛	2⅛	6⅜	— 66.0
AMWIC	Air Midwest Inc	844	6¼	3⅜	5¼	4⅛	+ 39.3*†
ARWS	Air Wisconsin Inc (M)	36630	16	9¼	14	10¼	+ 36.5
ALMO	Alamo Savings Association of Texas	746	14	4	13½	6½	+ 107.6
ALAN	Alanco Ltd	5870	1¾	⅛	½	1½	— 66.6*†
ALPI	Alarm Products International Inc	1172	2	1⅛	1⅜	1⅜	— 6.6
APLOF	Alaska Apollo Gold Mines Ltd	44183	3½	1⅛	2 5/16	1 13/16	+ 27.5*
ASKA	Alaska Bancorp	8370	5⅜	1⅜	3¼	1⅜	+ 85.7
AKBC	Alaska Bank of Commerce	1867	19	10½	11	10¾	+ 2.3
ADRI	Alaska Diversified Resources Inc	1450	1⅜	1¼	1½	1¼	+ 20.0
AMAP	Alaska Mutual Bank	839	27½	18½	23¾	21	+ 10.7*
ANPI	Alaska Northwest Properties Inc	280	22½	12	12	21¾	— 44.8
ABPC	Alaska Pacific Bancorporation (M)	8740	21¼	14	16¾	16¾	. . . .
ATNG	Alatenn Resources Inc (M)	1479	50	42½	46½	46	+ 1.0
ALDB	Aldebarn Drilling Co	82832	5/16	1/16	1/16	9/32	— 60.0
ALEX	Alexander & Baldwin Inc			See Page 15			
AEOK	Alexander Energy Corp	12089	5	2⅜	3½	4¾	— 26.3
ALFX	Alfa Resources Inc	347679	5/16	1/32	⅛	9/32	+ 33.3
ALGR	Algeran Inc	3095	2⅛	⅜	1⅜	⅜	+ 100.0
ALGO	Algorex Corp	19971	26¾	9	22½	11	+ 104.5
ALCO	Alico Inc (M)	2144	45½	29½	38	45½	— 16.4
ABEV	Allegheny Beverage Corp (M)	31961	13⅜	6⅜	12⅜	7⅜	+ 63.4
ABEVP	Allegheny Beverage Corp Pfd	67	11½	6¼	11	7½	+ 46.7
ALMC	Allegheny Land and Mineral Co	14855	3¾	1⅜	2⅛	2¾	— 22.7*
ALGH	Allegheny & Western Energy Corp (M)	12087	5⅛	3¼	4⅛	4⅜	— 10.8
AORGB	Allen Organ Co Cl B	666	24½	19½	24½	19¾	+ 24.0†
ALBN	Allied Bancshares Inc			See Page 15			
ALLC	Allied Capital Corp (M)	1999	16½	9⅜	16¼	9¼	+ 75.6
AEQU	Allied Equities Corp	1560	⅞	⅜	⅞	⅜	+ 20.0*
ASCY	Allied Security Inc	1420	7	4⅜	6½	6¾	— 3.7
ALOE	Alo-Scherer Healthcare Inc	1388	7	2¾	4	5	— 20.0†
ALMI	Alpha Microsystems (M)	21365	12⅜	4⅛	12⅜	6	+ 106.2
APET	Alpha Petroleum Exploration Corp	3431	1/16	1/16	1/16	3/16	— 66.6
APETU	Alpha Petroleum Exploration Corp Uts	5187	5/16	1/16	1/16	5/16	— 80.0
ALGA	Alpine Geophysical Corp (M)	5456	4⅜	1	1⅛	4⅜	— 75.6
ALGAU	Alpine Geophysical Corp Uts	426	5	⅞	1	5	— 80.0
ALGAW	Alpine Geophysical Corp Wts	359	⅞	1/16	1/16	⅞	— 92.8
APIN	Alpine International Corp	3747	1⅝	⅝	1	1⅝	— 38.4
ALTE	Alta Energy Corp	2285	6⅜	1⅜	2	6¾	— 70.3
ALTA	Altair Corp	2275	7	4½	6⅜	5¼	+ 21.4
ALTX	Altex Oil Corp	15736	3½	1¼	1½	2⅛	— 47.8
ALTXM	Altex Oil Corp Uts	1559	6¼	1⅜	1½	5	— 70.0
ALTXL	Altex Oil Corp Wts	3854	⅜	1/16	1/16	1/16	— 90.9
ALTO	Altos Computer Systems			See Page 15			
AMCN	Amacan Resources Corp	2905	1/16	⅛	⅛	1/16	— 27.2
AMDA	Amadac Industries Inc	4176	1⅛	⅛	⅛	⅛	+ 75.0
AMAR	Amarco Resources Corp (M)	21095	3⅜	¾	1	3¾	— 73.3
AMARU	Amarco Resources Corp Uts	1939	4⅛	¾	1⅛	4⅛	— 75.0
AMARW	Amarco Resources Corp Wts	3599	⅜	1/16	9/32	⅜	— 85.0
AMRX	Amarex Inc			See Page 14			
AMAEF	Amark Exploration Ltd	9274	1 1/16	1/16	5/16	⅞	— 64.2
AMBA	Ambassador Group Inc (M)	7881	15	6½	6¾	15	— 55.0
AMBR	Amber Resources Co (M)	44661	3⅛	1/16	1 3/16	2 15/16	— 59.5
AOGC	Ambra Oil & Gas Co	9606	1⅜	⅜	⅞	1⅜	— 36.3
ADSO	Amdisco Corp (M)	1762	35⅜	16½	24	17⅜	+ 34.2
AMAG	Amer Aggregates Corp	1925	17⅛	14½	17	17	. . . .
GASO	Amer Agri-Fuels Corp	2369	1¼	3/16	1/16	1/16	. . . .
AMCA	Amer Appraisal Assn (M)	2137	10¼	4⅜	6⅛	10⅜	— 37.3
APEN	Amer Bancorp Inc (Pa) (M)	11772	15⅜	11	12½	11¼	+ 11.1
AMBC	Amer Bancorp Ohio	468	8¾	8	8	8¼	— 3.0
ABIG	Amer Bankers Ins Group			See Page 15			
ACIC	Amer Capitol Ins Co	924	3¼	1⅛	1⅜	1⅜	+ 15.3
ACES	Amer Casino Enterprises Inc	953	⅜	⅛	5/16	⅛	— 10.0*
AMCB	Amer City Bank (M)	13100	11¼	2½	2¾	9½	— 71.0
ACYT	Amer Cytogenetics Inc	3062	3⅜	2½	3⅜	3½	— 3.5
ADGN	Amer Diagnostics Corp	17577	8½	1¾	6¾	2¼	+ 200.0
AECO	Amer Electromedics Corp	1220	2½	⅛	2½	1	+ 150.0
ACEVF	Amer Energy Corp	12716	1⅜	¼	⅛	1¼	— 60.0*
AEQTS	Amer Equity Investment Trust SBI (M)	5551	15	9½	15	11¼	+ 33.3
AFSL	Amer Federal S&L Assn of Colo	4331	17	7½	14½	9¼	+ 56.7
FIBR	Amer Fiber Optics Corp	10988	8¾	3	8¾	6	+ 45.8
AFIL	Amer Filtrona Corp (M)	2247	16	11⅜	14	13	+ 7.6
AFINP	Amer Financial Corp Pfd D	219	8¼	6¾	8¼	6¾	+ 27.4
AFINO	Amer Financial Corp Pfd E	134	8	5⅜	8	6¼	+ 28.0
AFINN	Amer Financial Corp Pfd F	104	13	10	12¾	10	+ 26.2
AFINM	Amer Financial Corp Pfd H	27	28½	27	28	25¼	+ 9.8
AFCO	Amer First Corp (M)	3153	7⅝	5	6	6⅞	— 12.7†
AFLT	Amer Fletcher Corp (M)	11508	20½	13½	20	16	+ 25.0
AFEX	Amer Frontier Exploration Inc	53788	5/16	1/16	1/16	1/16	. . . .
AFEXU	Amer Frontier Exploration Inc Uts	3955	3¼	¾	1⅜	1¼	— 10.0
AFUR	Amer Furniture Co Inc (M)	5852	8½	3⅜	8½	4 1/16	+ 109.2
AGRA	Amer Gasohol Refiners Inc	3128	4½	1⅜	4⅛	3	+ 37.5
AGMC	Amer Gold Minerals Corp	116373	9/32	3/32	5/16	9/32	+ 20.0
AGREA	Amer Greetings Corp Cl A			See Page 14			
AMGR	Amer Guaranty Financial Corp (M)	12600	6¾	3⅝	4⅞	6⅝	— 26.4†
AHICO	Amer Home Industries Corp	9518	1⅜	⅛	⅜	¾	— 50.0
AHSCC	Amer Home Shield Corp	16394	1	5/16	⅜	¾	— 50.0
AINC	Amer Income Life Ins Co			See Page 14			
AIFC	Amer Indemnity Financial Corp (M)	8349	23¼	12¾	23⅛	14¾	+ 56.7†
AMII	Amer Industries Ltd	186	1/16	1/16	1/16	1/16	. . . .
AIGR	Amer International Group Inc			See Page 14			
AIGRP	Amer International Group Inc Pfd Cl B	4324	119½	87½	119½	97¾	+ 22.2
AILI	Amer Investors Life Ins Co Inc (M)	3136	7	5⅛	7	5⅜	+ 30.2†
AMCO	Amer Leisure Corp	74299	2 5/16	1 5/16	2⅛	1 5/16	+ 78.9
AMCOA	Amer Leisure Corp Cl A	19738	1⅜	½	1 3/16	1⅛	— 27.7
AMCOU	Amer Leisure Corp Uts	23770	2 1/16	1	2⅛	1¼	+ 70.0
AMCOW	Amer Leisure Corp Wts	42626	9/32	1/32	9/32	1/16	+ 50.0
ALST	Amer List Corp	363	9½	4	6¾	4¼	+ 58.8
AMMG	Amer Magnetics Corp	1223	4½	1⅜	3	3½	— 14.2*
AMSY	Amer Management Systems Inc (M)	12166	16¼	9¼	13	10	+ 30.0
AMED	Amer Medi-Dent Inc	15737	5⅜	1⅜	4¼	1⅜	+ 161.5*
AMEDU	Amer Medi-Dent Inc Uts	6556	24	4¾	18	6	+ 200.0*
AMEDW	Amer Medi-Dent Inc '85 Wts	3743	3⅜	¼	2⅜	¼	+ 1050.0*
AMEDZ	Amer Medi-Dent Inc '86 Wts	4174	3⅜	⅛	2⅜	⅛	+ 2000.0*
AMMD	Amer Medical Affiliates Inc (M)	4716	14⅜	7	14⅜	7	+ 110.7
AMSR	Amer Medical Services Inc	1654	10	3½	8¾	5½	+ 59.0
AMTS	Amer Metals Service Inc (M)	4522	2¼	1	1 1/16	1⅞	— 16.6
AMON	Amer Monitor Corp (M)	31426	18½	9⅜	12	15½	— 22.5†
AMNT	Amer National Enterprises Inc	2605	⅜	⅜	⅜	½	+ 25.0
ANHC	Amer National Holding Co	772	11¼	8½	11¼	9¼	+ 15.3
ANAT	Amer National Ins Co			See Page 15			
ANPC	Amer National Petroleum Co	68438	1 3/32	1/32	½	1 5/16	— 57.8
ANUC	Amer Nuclear Corp (M)	12529	3¼	⅜	1¼	3⅛	— 60.0
AMNU	Amer Nucleonics Corp	4246	2⅛	½	2½	1¼	+ 70.0*
APFC	Amer Pacific Corp	770	5⅛	3⅜	4	5½	— 27.2
APIC	Amer Pacific International Inc (M)	50812	2	⅜	⅜	1 3/16	— 51.7
APICW	Amer Pacific International Inc Wts	14764	1 1/16	⅛	⅛	⅜	— 83.3
APMCA	Amer Phonemeter Corp Cl A	25872	5⅜	1⅜	5⅛	5⅜	— 4.6
AMPYF	Amer Pyramid Resources Inc	13966	3½	½	2½	3¼	— 23.0
AQAS	Amer Quasar Petroleum Co (M)	141155	13¾	5	6	13⅜	— 35.9
AMRC	Amer Recreation Centers Inc (M)	1996	9½	6⅛	8½	6⅞	+ 23.6†
ARMCC	Amer Resources Management Corp (M)	56529	9⅜	1	1⅜	9	— 84.7
ASTV	Amer Satellite and Television Inc	233970	⅜	9/32	5/16	9/32	+ 100.0*
ASEC	Amer Security Corp (M)	6603	26	18	24½	21⅜	+ 14.6†
AMSK	Amer Solar King Corp (M)	34456	33⅜	5	30¾	6⅞	+ 347.2
AMSKZ	Amer Solar King Corp Wts	9292	29	2	26¼	3½	+ 650.0
PIKS	Amer Sports Advisors Inc	19547	1 1/16	¾	1¼	1	+ 25.0
AMST	Amer States Leasing Corp	936	1	⅜	⅜	¾	— 50.0
AMSTW	Amer States Leasing Corp Wts	218	⅜	1/16	1/16	⅜	— 83.3
ASTS	Amer States Life Insurance Co (M)	933	23	15	23	17	+ 35.2
SRGY	Amer Surgery Centers Corp	141663	3 5/16	1 5/16	3⅛	1⅜	+ 127.2
ASYN	Amer Syn-Fuels Inc	7316	1⅜	⅜	1⅜	1 5/16	+ 73.3*
ASYNU	Amer Syn-Fuels Inc Uts	46671	2 5/16	1 5/16	1⅜	1¼	+ 10.0
TNET	Amer Telnet Corp	176302	1 9/32	1/32	⅛	9/32	+ 433.3
AMTI	Amer Trustee Inc (M)	1415	8¼	5⅜	6	6	. . . . †
AUND	Amer Underwriters Group	647	6¾	3¼	3⅜	6½	— 42.3
AWST	Amer Western Corp	1149	5½	2½	5½	2⅝	+ 109.5†
AMRF	Amerford International Corp	2064	9¼	4½	4⅜	7⅜	— 38.7
AHRC	Americana Hotel Realty	15811	21½	19¼	19⅜	20	— 1.2*
AMTR	Ameritrust Corp (M)	22224	36¼	26¼	35¾	30¼	+ 18.1
AMFS	Amfesco Industries Inc (M)	25863	16⅜	7	15¼	8½	+ 79.4
AMIC	Amicon Corp (M)	7389	22⅛	9½	22¼	12	+ 84.3
AMIR	Amicor Inc (M)	24915	1⅜	5/16	⅛	1/16	+ 27.2
AMORF	Amore Resources Inc	6174	1 5/16	5/16	¾	1	— 25.0
AMOS	Amoskeag Co (M)	2294	33½	19¼	31½	23	+ 36.9
AMPLA	Ampal-American Israel Corp Cl A (M)	33276	5¼	¾	3⅜	¾	+ 400.0
AMPLP	Ampal-American Israel Corp Pfd	9739	16	2½	11¾	2½	+ 370.0
APOW	Ampower Instrument Co	29535	2⅜	½	2	⅞	+ 128.5
APOWU	Ampower Instrument Co Uts	11833	3¼	⅝	2 1/16	1⅛	+ 138.8
ADIT	Anadite Inc (M)	15731	8½	5⅛	6⅜	6⅜	. . . .
AESI	Anaerobic Energy Systems	58742	3 5/16	⅜	3¼	⅝	+ 420.0
ALOG	Analogic Corp (M)	46323	43¼	20¾	40	25¾	+ 55.3
ANLY	Analysts International Corp (M)	8263	8¼	5¼	8	7	+ 14.2
ANEN	Anaren Microwave Inc (M)	37870	10¼	4⅜	7⅝	10¼	— 25.6
ANBA	Ancorp Bancshares Inc (M)	2797	29¼	18¾	25⅛	21¼	+ 18.2
ANDR	Andersen Group Inc	5041	28¾	8	24	9¾	+ 143.0†
ANDN	Andersen 2000 Inc (M)	8791	10¼	5¾	7¼	10½	— 30.9
ANDS	Anderson Industries Inc (M)	1513	5¼	3⅜	4⅝	5¼	— 9.7
ANDW	Andrew Corp			See Page 15			
ANDY	Andros Analyzers Inc	1392	4	½	3¼	1¼	+ 160.0
ANECF	Aneco Reinsurance Co	9278	3½	1⅝	2⅜	2⅜	— 4.5
NFCOC	Anelco Inc	2639	3⅜	1⅛	3¼	2	+ 62.5*
ANGS	Angeles Corp (M)	2136	18	13	18	17⅜	+ 2.8†
AAGIY	Anglo American Gold Investment Co Ltd ADR	21798	112	42	111¾	83	+ 34.6

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
ANGLY	Anglo Amer Corp of South Africa Ltd ADR	57453	15⅞	6 7/16	15¾	12⅜	+ 23.5
ANGBF	Anglo-Bomarc Mines Ltd	1124	2 1/16	5/16	1 1/16	1¼	— 15.0
ANIM	Animated Electronics Inc	415	8⅛	5⅜	7⅜	8½	— 4.6*
ARET	Anret Inc	793	25	11½	23½	11⅜	+ 100.0
ANTS	Antares Oil Corp (M)	25539	2¼	1/16	¼	2¼	— 88.8
APCH	Apache Energy & Minerals Co	47214	⅜	1/16	1/16	⅜	— 83.3
APAG	Apco Argentina Inc	1915	1½	⅜	½	1½	— 66.6
APECC	Apeco Corp (M)	55472	23/32	3/16	¼	23/32	— 65.2
APOG	Apogee Enterprises Inc (M)	27796	19¼	8⅞	16⅞	11½	+ 46.7†
APOL	Apollo Industries Inc	6721	1⅝	⅜	1½	1 9/16	— 4.0
AAPL	Apple Computer Inc			See Page 14			
AMAT	Applied Materials Inc			See Page 15			
AMDI	Applied Medical Devices Inc	142287	1 5/16	3/16	⅜	¾	— 50.0
APWRP	Applied Power Inc Pfd Cl B	530	13	9	11	12	— 8.3
SOLR	Applied Solar Energy Corp (M)	7154	8⅞	1⅜	7¾	1¾	+ 342.8
SOLRU	Applied Solar Energy Corp Uts	1339	9½	1⅞	9	2¼	+ 300.0
SOLRW	Applied Solar Energy Corp Wts	5016	1¼	1/16	1⅛	9/16	+ 122.2
AQUA	Aquaculture Production Technology Ltd	145823	3/32	1/32	1/16	1/16	
AQNT	Aquanautics Corp	11262	2 1/16	1	2⅜	1⅜	+ 72.7
AQNTU	Aquanautics Corp Uts	6921	6¼	2½	6	3½	+ 71.4
AQNTW	Aquanautics Corp Wts	4771	1½	½	1⅛	½	+ 150.0
AQRLF	Aquarius Resources Ltd	493	1 1/16	5/16	½	1/16	— 27.2*
ARSD	Arabian Shield Development Co (M)	4845	15½	8½	12¼	12	+ 2.0
ARAC	Aracca Petroleum Corp (M)	67180	5⅞	⅝	⅜	5⅜	— 83.7
ARHO	Arapaho Petroleum Inc (M)	18309	4¼	1⅜	1⅞	4⅛	— 54.5
ARHOU	Arapaho Petroleum Inc Uts	2209	4⅝	1⅞	1⅝	4½	— 58.3
ARHOW	Arapaho Petroleum Inc Wts	2472	5/16	1/16	1/16	¼	— 75.0
ARCH	Archie Enterprises	1906	6¼	3½	6	5	+ 20.0
ARDN	Arden Group Inc (M)	9859	8¼	3	7¾	3½	+ 121.4
ARGI	Argo Systems Inc	8403	33¾	28	33¼	31¼	+ 6.4*
ARGN	Argonaut Energy Corp (M)	22845	3⅜	1⅜	1½	3⅝	— 58.6
AVCMF	Arivaca Silver Mines Ltd	3890	4½	3	4½	3¼	+ 44.0*
AZBW	Arizona Bancwest Corp (M)	30204	17⅝	10⅝	15⅞	16	— 0.7†
ARZNF	Arizona Silver Corp	23770	5¾	1 1/16	3 5/16	5⅜	— 33.7
AIND	Arnold Industries Inc	187.	20½	9¾	20½	11½	+ 78.2†
AHEC	Arrowhead Energy Corp	60354	3/32	1/32	1/32	3/32	— 66.6
ARTB	Artco-Industries Inc	1048	6½	4	6¼	5¾	+ 8.6
APCOF	Artesian Petroleum Corp	19263	3¼	5/16	5/16	3⅛	— 86.0
ARTW	Art's Way Manufacturing Co Inc (M)	2821	3⅞	2⅜	3⅜	3	+ 12.5
ASKI	Ask Computer Systems Inc (M)	44520	27½	11½	22⅜	14	+ 61.6
ASPN	Aspen Exploration Corp	2022	¼	1/16	1/16	¼	— 75.0
ASPNU	Aspen Exploration Corp Uts	17942	⅜	1/16	1/16	⅜	— 83.3
ASBC	Associated Banc-Corp	878	13½	8	13½	9½	+ 42.1
ACCM	Associated Communications Corp (M)	9207	22	7¾	20½	10	+ 105.0
ASCI	Associated Companies Inc	3035	3⅛	1⅞	3⅛	2⅜	+ 31.6
AHST	Associated Hosts Inc (M)	8359	9⅜	4⅞	9⅜	6⅛	+ 53.0
ASMD	Associated Medical Devices Inc	71328	1/32	1/16	3/32	⅛	— 58.3
ACII	Astradyne Computer Industries Inc	13715	4¾	1¼	2¼	4¾	— 55.2
ACIIU	Astradyne Computer Industries Inc Uts	834	9⅞	2	3⅞	9⅞	— 60.7
ACIIW	Astradyne Computer Industries Inc Wts	3203	1/8	1/32	3/32	1/8	— 25.0
ACOM	Astrocom Corp	6975	1⅞	1/8	1⅝	1 1/16	+ 73.3
ATRO	Astronics Corp (M)	2912	7½	4½	6¼	6¼	
ASTR	Astrosystems Inc			See Page 15			
ASTRU	Astrosystems Inc Uts	1027	33¼	10⅛	27½	13	+ 111.5
ASTRW	Astrosystems Inc Wts	17744	7⅜	1½	5⅜	2	+ 181.2
ATFC	Atico Financial Corp	3309	3⅞	2⅜	3¼	3⅞	— 16.1
ALOT	Atlan-Tol Industries Inc	556	7	3⅜	6	7	— 14.2
ATLX	Atlanta Express Airline Corp	665	2⅜	⅛	⅛	2¼	— 94.4*
ATLXU	Atlanta Express Airline Corp Uts	5946	3⅞	⅛	¼	3	— 91.6*
ATLXW	Atlanta Express Airline Corp Wts	270	⅜	1/16	⅛	⅜	— 66.6*
AGLT	Atlanta Gas Light Co (M)	8606	16½	14⅛	15⅝	15	+ 4.1
AAME	Atlantic American Corp (M)	5814	17	8⅞	16⅝	10¼	+ 62.1†
ABAN	Atlantic Bancorp (M)	18850	33¾	20¾	30¾	24	+ 28.1
ATOC	Atlantic Oil Corp (M)	25726	9¾	4⅜	6⅞	9½	— 27.6
ATRC	Atlantic Research Corp			See Page 15			
ASAI	Atlantic SE Airlines Inc	15359	10	4½	9¼	6⅜	+ 45.0*
ATRS	Atours Inc	15798	2¼	¼	2 1/16	⅜	+ 230.0
ATWD	Atwood Oceanics Inc (M)	18529	26½	16	21	26½	— 20.7
ADOCW	Audiotronics Corp Wts	1292	⅜	⅛	⅛	⅜	— 20.0
ATRN	Austron Inc	35460	5⅛	1⅛	4	2¼	+ 77.7*
ATCR	Authenticolor Inc	462	1¼	⅛	1	⅛	+ 100.0
ATTC	Auto-Trol Technology Corp (M)	29822	19⅜	7¾	14¼	9¾	+ 46.1
ACLV	Autoclave Engineers Inc (M)	3969	14⅜	10	12⅜	14½	— 12.0
AUDYA	Autodynamics Inc Cl A	699	5⅜	2	3½	5¾	— 39.1
AUDYB	Autodynamics Inc Cl B	822	6¼	2½	3⅜	6¼	— 40.0
AUML	Automated Medical Labs Inc (M)	18149	6⅜	3	4⅜	3⅛	+ 40.0
AUMLW	Automated Medical Labs Inc Wts	1832	2¼	⅜	1	⅝	+ 60.0
AUMO	Automoco Corp	1589	2½	1⅜	2½	1¾	+ 42.8
AUTR	Autotrol Corp (M)	5960	5⅝	1⅞	5⅝	2½	+ 125.0
AUXT	Auxton Computer Enterprises	22588	36½	4¾	25½	5⅜	+ 374.4†
AVAK	Avantek Inc			See Page 14			
AVTR	Avatar Holdings Inc (M)	9517	13¼	8⅜	12	13	— 7.6
LIFT	Aviation Group Inc (M)	16330	17½	9½	17⅜	13	+ 34.6
AVMRF	Avino Mines & Resources Ltd	4751	1¼	1/16	⅜	1¼	— 40.0
AYRKF	Ayerok Petroleum Ltd	580	4⅜	⅝	⅝	4⅝	— 86.5
AZTX	Aztec Energy Corp	34484	5/16	3/16	¼	13/32	— 38.4
AZTC	Aztec Manufacturing Co (M)	13127	17½	6⅜	9¼	15	— 38.3†
AZCO	Aztec Resources Corp	14130	1 1/16	5/16	⅛	⅜	— 42.8
AZIN	Aztech International Ltd	2384	3⅜	1⅛	2⅞	2⅛	+ 35.2
BBDO	BBDO International Inc (M)	9486	68	39	62¾	39¾	+ 57.8
BIWC	BIW Cable Systems Inc (M)	8089	14½	10¼	11⅜	14	— 16.0
BMICF	BMI Capital Inc	64771	1⅜	1/16	5/16	1⅛	— 72.2
BPII	BPI Systems Inc	22677	33¼	11½	28	12½	+ 124.0*
BSDM	BSD Medical Corp (M)	18158	11⅝	3	10⅜	4⅜	+ 151.5
BSLT	BSL Technology	52368	1⅜	3/16	⅞	1½	— 41.6
BSNC	BSN Corp (M)	26100	4½	2½	4¼	3	+ 41.6
BSNCU	BSN Corp Uts	9596	6	3	5½	3½	+ 57.1
BSNCW	BSN Corp Wts	10099	1⅝	⅜	1 7/16	½	+ 187.5*
BATM	Baird Corp (M)	16643	8⅜	5⅜	7½	6⅜	+ 11.1†
BKFR	Baker Fentress & Co (M)	3481	85	56	80½	64	+ 25.7
BCCO	Balance Computer Corp	8382	2 1/16	1⅜	1⅜	2 1/16	— 34.8
BCCOW	Balance Computer Corp Wts	11900	⅝	⅛	5/16	⅜	— 50.0
BLCO	Balco Energy Corp	5947	4⅛	1⅜	2⅜	3½	— 23.3
BWIN	Baldwin & Lyons Inc (M)	1648	39	32	39	32½	+ 20.0
PARK	Bally's Park Place Inc	1983	9⅞	4⅜	6½	4½	+ 44.4
BTEK	Baltek Corp	922	2⅞	1⅜	2⅛	2	+ 6.2
BONE	Banc One Corp			See Page 15			
BDEP	Banco De Ponce (M)	1664	25	12	24	17	+ 41.1
BPOP	Banco Popular de PR (M)	6574	23	12½	22	14¾	+ 49.1
BOHI	Bancohio Corp (M)	19343	18¼	11⅜	16½	14	+ 17.8
BOKC	Bancoklahoma Corp (M)	7990	18½	11¼	17½	18½	— 5.4
BNHI	Bancorp Hawaii Inc (M)	15104	23⅜	15⅞	21¾	18⅜	+ 16.7
BNHIP	Bancorp Hawaii Inc Pfd	1830	31½	21½	29	24½	+ 18.3
BKPA	Bancorp Pennsylvania (M)	2699	23½	14⅜	23	16¼	+ 41.5
BTEC	Banctec Inc (M)	29648	33¼	6	15½	32¼	— 51.9
BTXGP	BancTexas Group Pfd (M)	62	15½	14	14½	15½	— 6.5
BTXGO	BancTexas Group 1.46 Pfd (M)	3057	22½	15½	16½	20⅜	— 20.9
BANG	Bangor Hydro-Electric Co (M)	12727	13⅜	9½	13	10	+ 30.0
BCNY	Bank of Commerce NY	456	29½	20	26	24½	+ 6.1
BDET	Bank of the Commonwealth	2497	2¾	¾	2¾	1¾	+ 57.1
BDEL	Bank of Delaware (M)	3296	35	23½	34	27	+ 25.9
BKLMY	Bank of Leumi ADR	3616	1	⅝	⅞	¾	+ 16.6†
BKLA	Bank of Los Angeles	1104	14	11½	14	12½	+ 12.0*
BKLS	Bank of Louisville and Trust Co	163	49½	45	49	45½	+ 7.6
BMON	Bank of Montana Systems (M)	2242	30	21½	26½	21¾	+ 21.8
BKNE	Bank of New England Corp (M)	20835	48⅜	28⅜	44½	34½	+ 28.9
BNKS	Bank Securities Inc (M)	5846	14	6	6¾	14	— 51.7
BKSO	Bank South Corp (M)	4054	25½	17	25½	19	+ 34.2
BACM	Bankcom Corp	1673	4⅞	2⅜	4⅜	4⅜	— 2.6
BKNT	Bankers Note Inc	13385	5⅛	1⅞	4⅛	4¼	
BTSC	Bankers Trust of SC (M)	8470	30¼	19¼	27⅜	20¼	+ 37.0
BIOW	Banks of Iowa Inc (M)	2276	43	34	42	39½	+ 6.3
BANRF	Banner Resources Ltd	40967	1 1/16	3/16	3/16	1 1/16	— 82.7
BNTA	Banta (George) Co Inc (M)	10069	29½	13	28¼	14	+ 101.7
BARB	Barber Greene Co (M)	12513	17¼	8¼	15½	12⅜	+ 21.5
BARD	Barden Corp (M)	2002	26	14½	26	23½	+ 10.6
BARR	Barringer Resources Inc (M)	14488	7½	1¼	6	4¼	+ 26.3
BRRS	Barris Industries Inc (M)	17633	4	1½	3⅜	1⅞	+ 93.3
BART	Barton Valve Co Inc (M)	41598	30	4⅜	8	29½	— 72.8†
BASEA	Base Ten Systems Inc Cl A (M)	14019	25⅞	12	21⅜	14⅜	+ 51.3†
BASEB	Base Ten Systems Inc Cl B	1293	27	11½	22	16⅜	+ 34.3†
BSIC	Basic Earth Sciences Systems Inc (M)	62006	2 1/16	1/8	1½	1⅜	— 14.2
BSICW	Basic Earth Sciences Systems Inc Wts	7047	3/16	1/32	1/16	3/16	— 66.6
BASRF	Basic Resources International SA	67815	3 1/16	⅜	1 5/16	3⅜	— 75.0
BSET	Bassett Furniture Industries Inc (M)	13125	45¼	20¼	40	23¼	+ 72.0
BSIN	Bastian Industries Inc	650	5⅛	2	2⅜	4⅞	— 51.2
BSINP	Bastian Industries Inc Pfd	4	5¼	3¾	3¾	4¾	— 21.0
BBNK	BayBanks Inc			See Page 15			
BAYM	Bayless (AJ) Markets Inc (M)	2748	15	9¼	12¼	10⅜	+ 18.0
BAYL	Bayly Corp	853	30½	21	27	30	— 10.0
BAYS	Bayswater Realty & Capital Corp (M)	1344	13½	8¼	13⅛	9⅛	+ 43.8
BPHO	Beacon Photo Service Inc	1353	3¼	2⅛	2¾	2½	+ 10.0
BECO	Beaman Corp	177	10¼	8	10	8¼	+ 21.2*
BCRK	Bear Creek Corp (M)	3334	16⅜	9¼	15¼	12⅜	+ 19.6
BCATF	Bearcat Exploration Ltd	4819	4⅛	⅛	1/16	4⅛	— 83.3
BACO	Beck/Arnley Corp	1659	7¼	3	7⅛	3¼	+ 132.0
BEDF	Bedford Computer Corp (M)	4867	14⅜	8	10½	11½	— 8.6
BHAMY	Beecham Group (PLC) ADR	1769	6⅝	3⅞	5⅛	4⅛	+ 33.3
BLNE	Beeline Inc (M)	1034	7¼	4⅜	7¼	5¼	+ 38.0
BEEP	Beep Communication Systems Inc	13141	5⅞	2⅜	5 3/16	4	+ 45.3
BGLY	Begley Drug Co	393	11½	7½	10¼	9½	+ 7.8
BEKN	Bekins Co (The)			See Page 15			
BELP	Belknap Inc (M)	4717	13¼	12½	13	12½	+ 4.0
BPSI	Bell Petroleum Services Inc	2496	8¾	2⅜	2⅜	8¼	— 67.1
BLLW	Bell (W) & Co Inc	1882	10	5	6¾	8⅝	— 21.7†
BELW	Bellwether Exploration Ltd	8491	2¾	1⅝	1⅞	2⅜	— 28.5
BMRLF	Belmoral Mines Ltd	6953	6¾	2¼	6	5¾	+ 4.3
BCOR	Belo (AH) Corp (M)	24635	33¾	16½	33¾	23⅜	+ 44.3
BGAL	Bengal Oil & Gas Corp	23544	1/32	1/32	1/16	1/32	— 81.8
BENQC	Bennett Petroleum Corp	61122	3⅜	⅛	⅛	2 1/16	— 94.5
BKLY	Berkley (WR) Corp (M)	6240	15⅜	10	11¼	12¼	— 8.1†
BERK	Berkline Corp (The) (M)	3531	9¼	5½	9¼	6⅛	+ 51.0
BGAS	Berkshire Gas Co	509	16¼	13⅜	16¼	14½	+ 12.0
BKHT	Berkshire Hathaway Inc	413	775	420	775	560	+ 38.3
BESI	Besicorp Group Inc	33442	21/32	3/32	⅝	¼	+ 150.0
BETZ	Betz Laboratories Inc			See Page 14			
BEVM	Beverage Management Inc (M)	29084	25⅛	13⅜	23¼	14⅞	+ 56.3
BHSL	Beverly Hills S&L Assn (M)	6160	14⅜	7	12	11	+ 9.0

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
BIBB	Bibb Co (M)	5252	17	10½	16¾	10¾	+ 55.8
BIFL	Biflyx Inc	121711	17/32	1/8	3/32	1/4	— 12.5
BIGB	Big B Inc (M)	15599	13½	6⅛	12⅜	7⅝	+ 61.9
BGBT	Big Bite Inc	2511	14	8	13½	11½	+ 17.3*
BPIN	Big Piney Oil & Gas Co	25434	1⅜	3/8	5/16	1 5/16	— 63.1
BIEN	Billings Corp (M)	13197	9	1⅜	4¼	3⅜	+ 25.9
BNGO	Bingo King Company Inc	4425	4	2	3	4	— 25.0
BIOGC	Bio-Gas of Colorado Inc	38951	3/8	1/8	3/16	13/32	— 53.8
BIOLF	Bio Logicals Inc	17644	8	2	4¼	8	— 46.8
BMSC	Bio-Medical Sciences Inc (M)	31817	2⅜	1¼	1 3/16	1⅜	+ 11.5
BIOR	Bio-Response Inc	27066	9¼	3⅛	7⅜	5⅜	+ 35.5
BIORU	Bio-Response Inc Uts	510	14½	4	11½	8½	+ 35.2
BIORW	Bio-Response Inc Wts	12755	5½	1⅛	4	2¾	+ 45.4
BICL	BioCell Technology Corp	4928	2	1/4	1	1⅜	— 38.4
BICLU	BioCell Technology Corp Uts	7962	4¾	1/2	2⅛	3⅜	— 40.0
BICLW	BioCell Technology Corp Wts	1204	1/8	1/8	1/8	1/4	— 50.0
BIOC	Biochem International Inc (M)	17474	16¾	6	16⅜	8⅞	+ 84.5
BMET	Biomet Inc	261	28	21	28	21½	+ 30.2*
BMPI	Biosearch Medical Products Inc	13068	18	9½	16¾	11	+ 52.2†
BSPR	Biospherics Inc (M)	2326	13½	6½	7½	7¾	— 3.2
BIOZ	Biostim Inc	4445	7	6	6¼	6¾	— 7.4*
BITC	Biotech Capital Corp	20107	4¼	2⅛	3⅛	3⅝	— 19.3
BTRL	Biotech Research Labs Inc (M)	4772	9¼	2⅜	7	5¾	+ 21.7†
BIRD	Bird & Son Inc (M)	38130	17	4⅝	16½	9	+ 83.3
BVSC	Birdview Satellite Communications Inc	569674	25/32	3/32	23/32	3/32	+ 666.6
BIRT	Birtcher Corp (The) (M)	10581	7⅛	3⅛	6⅝	5¼	+ 31.7
BGPH	Bishop Graphics Inc	5251	5⅜	1⅞	5½	2½	+ 120.0
BITU	Bitco Corp (M)	2912	33½	27½	29½	30½	— 3.2†
BLCK	Black Angus Systems Inc	1028	3/8	3/8	3/8	3/8	. . .
BDEC	Black Dome Energy Corp	95734	3/16	1/32	1/32	3/16	— 83.3
BGOC	Black Giant Oil Co	7707	9/16	1/16	1/8	1/2	— 75.0
BLAK	Black Industries Inc	800	4⅜	3⅛	4⅛	4	+ 3.1
BLAU	Blackgold Energy Resources Inc	64083	3/32	1/32	1/16	3/32	— 33.3*
ATBL	Bliss (AT) and Co Inc			See Page 15			
BLOCA	Block Drug Co Inc Cl A (M)	1553	23	15	21	16¾	+ 25.3
BLUE	Blue Chip Stamps (M)	2789	57	23½	51½	26	+ 98.0
BJEC	Blue Jay Energy Corp	22156	17/32	1/8	3/16	1 17/32	— 64.7
BLRGU	Blue Ridge Real Estate Co Uts (M)	473	9¼	6½	7	9¾	— 24.3
BLUSF	Blue Sky Oil & Gas Ltd	3664	3⅜	1 1/16	2⅜	3⅛	— 20.7
BFLD	Bluefield Supply Co (M)	3036	12½	8¼	10¾	12¼	— 12.2
BWOGF	Bluewater Oil & Gas Ltd (M)	6629	6½	2⅜	3	6½	— 53.8
BLYVY	Blyvooruitzicht Gold Mining ADR	101318	18	5⅜	17⅛	9¾	+ 75.6
BOAT	Boatmen's Bancshares Inc (M)	5983	31¾	20½	28½	24¾	+ 15.1
BBKQC	Bobbie Brooks Inc	24518	3⅞	1	2⅛	1⅝	+ 30.7*
BOBE	Bob Evans Farms Inc			See Page 15			
BOGO	Bogert Oil Co (M)	41561	1¼	1/8	3/8	1 3/16	— 47.3
BOHM	Bohemia Inc (M)	19755	19½	9⅝	17⅛	14½	+ 23.2†
BOLT	Bolt Technology Corp (M)	23242	18¼	10¼	16¼	16¼	. . .
BOLY	Bolyard Oil & Gas Ltd	17311	1⅜	1/2	3/4	1⅜	— 45.4
BOMC	Bomaine Corp	2708	3⅜	2⅜	3	3⅜	— 11.1
BNZA	Bonanza International Inc (M)	22324	3⅜	1	3¼	1¼	+ 160.0
BNRY	Bonray Drilling Corp (M)	11295	8¼	2½	3¼	8¼	— 60.6
BOON	Boonton Electronics Corp	5858	16¾	2⅜	13	2⅜	+ 447.3†
BOTH	Booth Inc	7682	2⅜	7/8	2⅜	1⅜	+ 72.7
BCMP	Boothe Financial Corp (M)	4731	27	22	26¾	23	+ 16.3
BOST	Boston Digital Corp (M)	12268	11½	6½	9	9½	— 5.2
BOTN	Bouton Corp	385	2	1	1	1¾	— 42.8*
BWTRY	Bowater Corp (PLC) ADR	2577	4⅜	2⅜	2 5/16	4½	— 42.6
BOLN	Bowline Corp (M)	1550	5¼	3¼	4	3½	+ 14.2
BOZZ	Bozzuto's Inc	129	6¼	6	6¼	6¼	. . .
BXCO	Bracken Exploration Co	4439	9¼	2⅜	3	8⅜	— 64.1
BRAD	Brady Energy Corp (M)	57110	1/2	1/32	3/32	3/16	— 78.5
BRADP	Brady Energy Corp Pfd	1165	2¼	⅜	2	2	. . .
BRAE	Brae Corp (M)	12915	12⅜	6	10⅜	7⅜	+ 33.8
BRWD	Braewood Development Corp	2710	1⅜	⅜	1⅜	1	+ 37.5
BRALF	Bralorne Resources Ltd	8724	11½	3⅜	4⅜	11½	— 61.9
BNCH	Branch Corp (M)	6815	16¾	12	16¼	13¼	+ 22.6
BRAN	Brand Insulations Inc	760	2⅜	1½	2¼	2¼	. . .
BRDY	Brandywine Sports Inc	283	3¼	2¼	2⅜	3¼	— 15.3
BRASF	Bras d' Or Mines Ltd	54	2½	1⅜	2½	2½	. . .
BSCF	Brass Craft Manufacturing Co (M)	5421	24½	12½	24½	15¼	+ 60.6
BREN	Brenco Inc (M)	21426	10	5¾	9½	9¼	+ 2.7
BRND	Brennand-Paige Industries Inc (M)	2618	9¼	8	9	8½	+ 5.8
BNER	Brenner Companies Inc	681	4⅞	2⅜	4⅜	4¼	+ 11.7
BREXF	Brent Petroleum Industries Ltd	250467	6⅞	⅜	13/16	6¼	— 86.7
BRBK	Brenton Banks Inc	892	17½	13	17½	14⅜	+ 21.7
BRIIF	Brican Resources Ltd	625	1 13/16	⅜	½	⅞	— 42.8
BRID	Bridgford Foods Corp	659	3¾	2¼	2½	3¾	— 33.3
BRIL	Brilund Ltd	9899	2⅞	⅜	⅞	1⅞	— 30.0
BRSL	Bristol Corp (M)	5362	9¼	4	9	4¾	+ 89.4
BRST	Bristol Gaming Corp	8295	⅜	3/16	9/32	13/32	— 30.7
BRTT	Britt Tech Corp	900	2	1	1⅜	1⅜	— 26.6
BDVF	Broadview Financial Corp (M)	8195	6	2	4⅜	4	+ 9.3
BBTC	Broadway Bank & Trust Co	5	11½	10	11½	10½	+ 9.5*
BKEX	Brock Exploration Corp (M)	11804	5½	2	2⅜	5¼	— 54.7
BRKNY	Broken Hill Proprietary Co ADR	41010	11⅜	5 11/16	6 11/16	11⅜	— 47.8
BRON	Bronco Oil & Gas Co	7825	3¼	7/16	7/16	3¼	— 86.5
BKFS	Brooks Fashion Stores Inc (M)	26843	18⅜	12⅛	18¼	12¾	+ 42.1
BREC	Brooks Resources Corp	1272	5½	3½	3½	4¾	— 26.3
BRNO	Bruno's Inc (M)	18659	29⅜	10¼	27⅝	10¼	+ 171.9
BMGR	Bryn Mawr Corp	902	6¼	3	4	4¼	— 5.8
BBEE	Buckbee-Mears Co (M)	43267	19⅛	7⅜	19⅛	8⅜	+ 115.4
BCKY	Buckeye Financial Corp (M)	5417	10¼	4¼	8⅜	6	+ 45.8
BKHN	Buckhorn Inc	126	N/A	N/A	3⅜	5¼	— 29.3
BFELY	Buffelsfontein Gold Mining Co Ltd	29812	57⅛	19⅝	55¼	35	+ 57.8
BUFF	Buffton Oil & Gas Inc	50397	17/32	1/8	7/16	3/8	+ 16.6
BULDS	Builders Investment Group SBI	13703	3	⅝	2 5/16	1⅛	+ 105.0
BULDW	Builders Investment Group Wts	1784	3/8	1/32	3/4	3/4	. . .
LITE	Bulb Miser Corp of America	384693	5/32	1/16	5/32	1/8	— 25.0*
BNBGA	Bull & Bear Group Cl A	19180	1 5/16	⅜	1	1 1/16	+ 45.4
BNBGP	Bull & Bear Group Pfd	1245	6¼	2	4⅜	4⅜	+ 2.7
BULL	Bull Run Gold Mines Ltd	59935	2 1/32	3/16	2	5/16	+ 540.0
BMRK	Bullion Monarch Co	27626	3/8	1/8	13/32	5/8	— 35.0
BUNN	Bunnington Corp (M)	34147	4	1⅛	2⅜	2⅛	+ 29.4
BUNT	Bunting Inc	1292	2⅜	1⅜	2⅜	2⅛	+ 29.4
BMLS	Burke Mills Inc	2876	1 5/16	⅜	⅞	1⅛	— 30.0
BRKEC	Burke Security Inc	222	1	1/8	1/2	1/4	+ 100.0
BURMY	Burmah Oil Co (PLC) ADR	17135	2¾	1⅞	2 1/16	2 1/16	— 5.4
BSIM	Burnup & Sims Inc (M)	72057	14⅜	8⅜	8⅞	12¾	— 30.3
BURS	Burris Industries Inc	2036	1¼	⅞	1¼	⅞	+ 42.8
BRZT	Burst Products Inc	53234	1 3/16	13/32	1 1/16	½	+ 37.5
BRZTU	Burst Products Inc Uts	284	460	250	390	290	+ 34.4
BRZTW	Burst Products Inc Wts	36262	7/16	3/16	3/16	1/4	+ 25.0
BEST	Burton Energy and Solar Tech Inc	5311	7/16	3/16	3/16	7/16	— 57.1*
BESTU	Burton Energy and Solar Tech Inc Uts	650	¾	1/4	1/4	½	— 50.0*
BURH	Burton/Hawks Inc (M)	45966	5⅜	1⅞	2	4	— 50.0
BXBX	Business Exchange Inc	21776	8¼	1½	5⅜	2½	+ 130.0
BMAC	Business Men's Assurance Co of America (M)	8090	33⅜	20⅜	28¾	26¾	+ 7.4
BTLR	Butler Manufacturing Co (M)	9268	27½	20¼	26½	25½	+ 3.9
BUTL	Butler National Corp	10555	3	⅛	2⅛	1	+ 112.5
CLTH	C & R Clothiers Inc	298	3¼	1¼	2¼	1¼	+ 80.0
CBTB	CB & T Bancshares Inc (M)	2610	20½	14½	18⅜	18¼	+ 2.7
CBCT	CBT Corp (M)	24640	31	19⅜	26¼	23¾	+ 10.5
CCNC	CCNB Corp	269	14½	11¾	14½	11¾	+ 23.4
CCBL	C-COR Electronics Inc			See Page 15			
CFSC	CFS Continental Inc (M)	32317	38⅜	17½	37¾	18¼	+ 106.8
CGAC	CGA Computer Associates Inc	32524	9¼	4⅜	8¼	5½	+ 50.0
CLAS	CL Assets Inc (M)	3369	1⅜	5/16	¾	5/16	+ 33.3
CLASP	CL Assets Inc Pfd	406	22	16	22	18¼	+ 20.5
CMTI	CMT Investment Co (M)	10224	4⅜	3⅜	4	4⅜	— 8.5
CMTIP	CMT Investment Co Pfd	4908	4⅜	3¾	4⅛	4⅜	— 5.7
CNLF	CNL Financial Corp	209	2⅜	2	2⅜	2	+ 37.5
CRHB	CP Rehab Corp (M)	35566	30½	8¾	25½	11¼	+ 126.6
CPAK	CPAC Inc (M)	3785	3⅜	1½	2⅝	3	— 4.1
CPIC	CPI Corp	13002	43¾	13¼	41¼	13¾	+ 200.0*
CPTCG	CPI Corp Cv Dbs	1988	109½	77	102	97½	+ 4.6
CPSC	CPS Chemical Co	391	33	15	23	30	— 23.3
CPTC	CPT Corp			See Page 14			
CSMS	CSM Systems Inc	815	3¼	2¼	2½	3¼	— 23.0
CSPI	CSP Inc (M)	11314	19½	7⅜	16¼	8¾	+ 94.0*
CCCI	C3 Inc			See Page 15			
CATV	Cable TV Industries (M)	8816	10½	3	5¼	9¾	— 46.1
CACI	Caci Inc (M)	17390	55	8¾	44½	9½	+ 368.4†
CXCXF	Cadillac Exploration Ltd	4222	3⅜	1⅛	3⅜	3⅜	— 10.0
CADO	Cado Systems Corp (M)	64598	14¾	4⅜	10½	14¾	— 28.8
CAWIW	Caesars World Inc Wts	1786	1⅞	⅞	⅞	1⅜	— 50.0
CYECF	Cal Dynamics Energy Corp	2443	3/16	1/16	1/16	5/16	— 71.4
CALM	Cal-Maine Foods Inc	573	3⅜	3¼	3¼	3¼	. . .
CFBK	California First Bank (M)	3161	17¾	12¾	15⅞	15⅜	+ 3.2
CMIC	California Microwave Inc			See Page 15			
CALSF	California Silver Ltd	15159	4½	1¼	3¼	2¼	+ 44.4
CWTR	California Water Service Co (M)	1505	41½	34	41½	35½	+ 16.9
CLNP	Calion Petroleum Co (M)	53992	10½	3⅞	7	8¼	— 15.1
CLNY	Calny Inc	7651	11⅜	5	10½	5	+ 110.0†
CLPP	Calprop Corp (M)	2282	6⅜	3	5¾	4⅜	+ 31.4†
CALI	Calumet Industries Inc	977	15¼	4½	8¼	15¼	— 45.9†
CLVN	Calvin Exploration Inc (M)	12856	2¼	¼	⅜	2	— 81.2
CAMO	Cam-Or Inc (M)	1949	17	9¾	13¼	15½	— 14.5
CBEX	Cambex Corp (M)	12622	4	1¾	2⅜	3	— 29.1
CNUC	Cambridge Nuclear Corp	2298	2½	1⅛	2⅜	2½	— 15.0
CRCO	Cambridge Royalty Co (M)	6126	7⅜	3¼	4	7¾	— 48.3†
CRCOP	Cambridge Royalty Co Pfd	390	5⅜	5	5⅜	5½	+ 4.5*
CAMRF	Camreco Inc	606	1½	⅜	1¼	⅝	+ 66.6
CDXOF	Canadex Resources Ltd	1054	2⅜	⅜	2	2½	— 20.0
CBRCF	Canadian Barranca Corp	3408	1 1/16	¼	3/16	1	— 18.8
CNWN	Canandaigua Wine Co Inc (M)	3066	14⅜	6⅝	14⅜	7⅜	+ 94.9
CANI	Canaveral International Corp	3955	⅜	1/8	11/32	1/4	+ 37.5
CANNY	Canon Inc ADR (M)	20918	26¼	11½	26	19¾	+ 31.6†
CANNZ	Canon Inc Dbs	113	221¾	97½	221½	162½	+ 36.3
CNRD	Canrad Hanovia Inc	3766	4½	2¼	3⅜	2⅞	+ 17.3
CEYVF	Cantex Energy Corp	1019	9/32	1/8	1/8	1/4	— 50.0*
CENG	Capital Energy Corp (M)	34037	2 1/16	⅜	1⅜	13/16	+ 115.3
CENGW	Capital Energy Corp Wts	1736	1⅜	¼	1 1/16	7/16	+ 85.7
CSWC	Capital Southwest Corp (M)	1480	13¼	9½	11	13	— 15.3
CAIR	Capitol Air Inc	7406	5	2⅜	2⅜	4½	— 41.6
CAPB	Capitol Bancorporation	1284	21	11	20½	11	+ 86.3
CATA	Capitol Transamerica Corp	425	1¾	1¼	1½	1½	. . .
CRAB	Captain Crab's Take-Away	8394	2⅜	1	2½	1½	+ 66.6*
CRABU	Captain Crab's Take-Away Uts	10664	4⅜	1½	4⅜	1⅞	+ 120.0*
CRABW	Captain Crab's Take-Away Wts	8659	1⅜	¼	1⅜	⅜	+ 333.3*
CARD	Cardiac Resuscitator Corp	2865	12¼	9¾	10½	10	+ 5.0*
CARDU	Cardiac Resuscitator Corp Uts	3826	14¼	11	13¼	12	+ 10.4*
CRDF	Cardiff Communications Inc	8897	1⅜	⅜	5/16	1⅜	— 27.7
CCEN	Care Centers Inc	1428	3½	1⅜	2	2⅜	— 23.8
CARC	Care Corp	1520	41	14½	37	16½	+ 124.2
CARPA	Carhart Photo Inc Cl A	2484	8⅜	1	7½	1	+ 650.0

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
CARL	Carl Karcher Enterprises Inc			See Page 15			
CARLG	Carl Karcher Enterprises Inc Dbs	30	99½	98¾	99	99½ —	0.5*
CRLS	Carlsberg Corp	433	9½	4	4⅜	9 —	47.2
CRLNF	Carolin Mines Ltd (M)	45631	16	4¾	14¼	16 —	10.9
CCIC	Carolina Casualty Insurance Co (M)	1243	7⅜	6¼	7⅜	6½ +	13.4†
CEPI	Carter Edwards Products	70540	1/16	1/32	1/32	1/32 —	*
CASC	Cascade Corp	1044	32½	21½	25	32 —	21.8
CSRL	Cascade Steel Rolling Mills Inc (M)	5914	11¼	5	10	7 +	42.8
RICHU	Casino Antique Ltd Uts	150601	5/32	1/32	5/32	1/16 +	150.0
CSNO	Casino Technology Corp	14352	2⅝	1	2⅝	2⅛ +	23.5
CSNOU	Casino Technology Corp Uts	8505	2¾	1 1/16	2¾	2⅛ +	29.4
CSNOW	Casino Technology Corp Wts	4143	⅛	1/32	⅛	1/16 +	100.0
CPRK	Castle Entertainment Inc	46280	12	6	7¾	6¼ +	24.0*
CCAV	Cavanagh Communities Corp	8903	1 3/16	¾	1	⅞ +	14.2*
CVCO	Cavco Industries Inc	1857	6¼	2½	5¼	4¼ +	23.5
CIRCF	Cayman Islands Reinsurance Corp Ltd	16200	5/16	5/32	5/16	¼ —	25.0
CIRCZ	Cayman Islands Reinsurance Corp Ltd Uts	12806	⅜	5/16	5/16	¼ —	25.0
CEDR	Cedar Point Inc (M)	2854	28¼	20⅝	28	24⅛ +	16.0†
CELNA	Celina Financial Corp Cl A (M)	1851	7⅝	3¾	6	7½ —	20.0
CNCR	Cencor Inc (M)	27689	24½	7⅛	24½	7⅞ +	211.1
CNCRP	Cencor Inc Pfd	839	3¾	2⅝	3¾	2⅝ +	42.8
CPET	Centennial Petroleum Inc	262838	1/16	1/16	5/32	1/16 —	78.5
CTBC	Centerre Bancorp (M)	20015	25	15¾	19	25 —	24.0
CNTC	Centocor Inc	15079	18	13½	18	14 +	28.5*
CBAN	Central Bancorp Inc (M)	9683	22½	15¾	21½	17½ +	22.8
CBSS	Central Bancshares of the South Inc (M)	7525	15½	9	13⅛	10 +	31.2
CSYS	Central Banking System Inc (M)	7189	24⅜	15½	21¼	19⅜ +	7.5†
CCBK	Central Carolina Bank (The) (M)	1621	25	13¾	19½	14 +	39.2
CCRS	Central Corporate Reports Service Inc	14313	1¾	⅜	1¾	¾ +	133.3
CCRSW	Central Corporate Reports Service Inc Wts	583	1/16	⅛	1/16	⅛ +	150.0
CFBS	Central Fidelity Banks Inc (M)	7414	22¾	16⅜	21	17½ +	20.0
CJER	Central Jersey Bank & Trust Co (M)	4043	13½	7½	13⅜	8¼ +	62.1
CMRTS	Central Mortgage & Realty Trust SBI (M)	1572	5¼	4⅛	4⅝	5⅛ —	9.7
CPCO	Central Pacific Corp (M)	11865	18	8½	11½	17¼ —	33.3†
CPMNY	Central Pacific Minerals ADR	46750	2 1/16	1 1/16	2 3/32	2 1/16 —	67.1
CPNC	Central Pennsylvania National Corp (M)	11795	20¼	15¼	18½	16½ +	12.1
CRLC	Central Reserve Life Corp	4026	3½	1¼	3	1¾ +	71.4
CTRL	Central Service Industries Inc	1771	½	⅛	⅛	⅜ —	66.6
CTELP	Central Telephone Co Pfd	128	50	38	50	45½ +	9.8
CWCB	Central Wisconsin Bancshares	414	13	11	12½	11⅜ +	9.8†
CENB	Centran Corp (M)	16059	19¾	11½	14½	19 —	23.6
CTUR	Centura Energy Corp (M)	21931	5¼	2⅛	2⅝	4¼ —	38.2
CENT	Centuri Inc (M)	72231	8½	1⅝	2⅛	7⅝ —	72.1
CECRF	Century Energy Corp	4498	2⅛	1/16	3/16	1⅝ —	53.8*
COGCA	Century Oil & Gas Corp Cl A (M)	11314	4⅜	2¼	3	4⅜ —	31.4
CPAP	Century Papers Inc	723	7¼	4⅜	6¾	5¼ +	28.5
CNVL	Cenvill Development Corp (M)	30463	16⅛	3⅞	14	5¼ +	166.6
CRBRA	Cerberonics Inc Cl A	4126	29	2⅞	24½	3 +	716.6†
CRBRB	Cerberonics Inc Cl B	635	29	19	24	19 +	26.3*
CRTN	Certron Corp	15944	1 13/16	⅜	1 11/16	15/16 +	80.0
CTUS	Cetus Corp			See Page 14			
CLCO	Chalco Industries Inc	1244	4¼	1¾	3	3¾ —	20.0
CREB	Champion Parts Rebuilders Inc (M)	6635	8⅞	4⅝	8½	5¼ +	61.9
CHNN	Channel Industries Inc	8730	4⅛	2	3	4 —	25.0
CHAR	Chaparral Resources Inc (M)	62107	8⅝	2	2¼	5⅜ —	60.8
CHPN	Chapman Energy Inc	17830	3⅜	¾	3 1/16	1⅛ +	216.6*
CHRN	Charan Industries Inc	3228	1¾	1½	1⅝	— —	*
CRIV	Charles River Breeding Laboratories Inc (M)	15555	39½	27½	35	39½ —	11.3
CHRS	Charming Shoppes Inc			See Page 15			
CIORF	Charriot Resources Ltd	2564	6	¾	3¼	5¾ —	43.4
CHHO	Chart House Inc			See Page 14			
CHCP	Chartercorp (M)	1725	34	23½	27½	28¼ —	2.6
CHZC	Charvoz-Carsen Corp	475	3	1¾	1¾	3 —	41.6
CDEV	Chateau de Ville Inc	374	1¼	½	½	1¼ —	60.0
CECC	Chatham Energy Corp	17257	5/32	5/32	3/16	⅛ +	50.0*
CHAT	Chatham Manufacturing Co (M)	3944	13½	9	12⅛	10¼ +	21.9
CHTT	Chattem Inc (M)	16301	16⅞	8⅜	16¾	11 +	52.2
CTCO	Check Technology Corp	11255	11¼	3¼	9¼	3⅜ +	174.0*
CHEK	Checkpoint Systems Inc (M)	26783	15¼	5¼	13⅜	10½ +	27.3
CHZM	Cheezem Development Corp (M)	6239	8	3¼	6½	5 +	30.0†
CHEF	Chefs international Inc	26698	2	⅞	1	1½ —	33.3
CTRN	Chem-Tronics Inc (M)	3198	16½	6½	15¾	6½ +	142.3
CHMX	Chemex Corp	33819	19¼	9¾	15¼	14⅜ +	3.3
CFIX	Chemfix Technologies Inc	1889	5¼	2¾	5¼	3½ +	50.0*
CHML	Chemical Investors Inc	3992	3 1/16	1⅛	3 1/16	1⅞ +	95.6†
CLEA	Chemical Leaman Corp (M)	1616	21	8½	16	15½ +	3.2
CHNR	Chemineer Inc (M)	9200	20¼	14¼	20¼	16 +	26.5
CHEM	Chemlawn Corp (M)	27136	35¼	14¼	35¼	16¼ +	116.9
CHER	Cherry Electrical Products Corp (M)	9281	16¾	10	16¼	11 +	47.7
CHES	Chesapeake Industries Inc	418	½	¼	⅜	½ —	25.0†
CLIIA	Chesapeake Life Insurance Co Cl A	434	6	3	3⅞	6 —	35.4
CLIIB	Chesapeake Life Insurance Co Cl B	1119	4	3	3½	4 —	12.5
CHPK	Chesapeake Utilities Corp	1021	19¼	14¼	18	16 +	12.5
CHSS	Chessco Industries Inc	1010	4⅛	1¾	2⅝	4⅛ —	36.3
CHSSU	Chessco Industries Inc Uts	821	4¼	1¾	2⅝	4 —	34.3
CHSSW	Chessco Industries Inc Wts	42	½	¼	⅜	⅜ —	33.3
CEGY	Cheyenne Energy Corp	3804	1⅛	1/16	1/16	⅛ —	75.0*
CHYN	Cheyenne Resources Inc	117335	1⅝	1/16	1/32	⅛ —	15.0
CHIC	Chi-Chi's Inc			See Page 14			
CWLD	Children's World Inc (M)	21668	7¼	3	5⅞	3⅝ +	62.0
CNDN	Chittenden Corp (M)	4058	19¼	9⅝	18½	11⅝ +	62.6†
CHOM	Chomerics Inc (M)	7816	14	8	10¼	9⅝ +	5.1
CRNR	Chronar Corp	7764	24	4½	23½	4½ +	422.2
CHUB	Chubb Corp (The)			See Page 14			
CRCH	Church & Dwight Co (M)	4605	20	12¼	17⅝	14¼ +	24.5
CHYC	Chyron Corp (M)	39421	32⅝	14¼	28¼	18¼ +	54.7
CBLA	Cibola Energy Corp (M)	7473	4⅝	1¼	2	4½ —	55.5
CIMN	Cimarron Corp (M)	62458	1 1/16	13/32	15/32	1 1/16 —	58.6
CINV	Cimarron Investment Co Inc	544	14¼	11½	12½	14¼ —	12.2
CINF	Cincinnati Financial Corp (M)	9800	49½	30	47¼	35½ +	33.0†
CNDY	Cindy's Inc (M)	14415	4	2½	3⅝	3½ —	3.5
CIFR	Cipher Data Products Inc			See Page 15			
CFNE	Circle Fine Art Corp	104	2	1	1	2 —	50.0
CINS	Circle Income Shares Inc (M)	5067	13⅜	9⅜	13⅜	9⅛ +	37.9
CSOG	Circle Seven Oil & Gas Inc	92431	5/32	1/16	1/16	⅛ —	50.0
CRFC	Cirfico Holdings Corp	501	7	6	6¼	6 +	4.1
CFSL	Citizens Federal S&L Assn	126	6	2½	4	6 —	33.3
CFDY	Citizens Fidelity Corp (M)	19315	26¼	15¾	23⅛	21¼ +	8.8
CTZN	Citizens Financial Corp	4032	1½	1	1½	1 +	50.0
CITGS	Citizens Growth Properties	864	7	6¼	6⅞	6¼ +	10.0
CINNA	Citizens Insurance Co Cl A	751	4	3	3	3½ —	14.2*
CSFC	Citizens Savings Financial Corp (M)	2215	33½	8¼	25½	13 +	96.1
CITS	Citizens & Southern Corp (M)	7907	32¼	22⅛	32¼	23½ +	37.2
CSGA	Citizens & Southern Georgia Corp			See Page 15			
CTBT	Citizens Trust Bank	85	14½	12½	14½	12½ +	16.0*
CITUA	Citizens Utilities Cl A (M)	8616	46⅝	30¼	45½	31⅝ +	43.8†
CITUB	Citizens Utilities Cl B (M)	3237	43¼	30¼	43¼	33¼ +	30.0
CCLB	Citrus County Land Bureau Inc	98	2¾	1½	2¾	1½ +	83.3
CTYF	City Federal S&L Assn			See Page 15			
CTYFP	City Federal S&L Assn Pfd	139	24	23½	24	23¾ +	1.0*
GDVIW	City Investing Co Wts	1864	1/16	1/16	1/16	1/16 —	*
CTYN	City National Corp (M)	23146	33⅜	15¾	22¼	26 —	14.4†
CITR	Citytrust Bancorp Inc (M)	2483	34	21	28	21½ +	30.2
CLRK	Clark (JL) Manufacturing Co (M)	5962	40¾	23¾	39	24¼ +	60.8
CLSS	Classified Financial Corp	811	4¾	3	4½	3¾ +	20.0
CLAY	Clayton Corp	1596	⅜	¼	5/16	⅜ —	16.6
CLSM	Clayton Silver Mines	9903	2¼	⅞	2¼	1 1/16 +	89.4
CTRIS	Clevetrust Realty Investors SBI	5640	13⅛	8⅜	12⅛	9⅛ +	32.8
CLIN	Clini-Therm Corp	6996	3¼	⅜	1⅜	3¼ —	50.0
CLINU	Clini-Therm Corp Uts	1032	4	⅝	2	4 —	50.0
CLINW	Clini-Therm Corp Wts	2233	1⅜	1/16	5/16	1⅜ —	50.0
CLSCC	Clinical Sciences Inc (M)	6719	6¼	1	2⅝	5 —	47.5
CLOW	Clow Corp (M)	8190	7½	4¼	7	5⅛ +	36.5
CMFG	Coast Manufacturing Co Inc	1986	3⅜	2½	3⅜	3⅜ —	*
CSTIF	Coastal International Ltd (M)	10923	8¾	4	6	7½ —	20.0
CLFL	Coastland Corp of Florida	2940	2¼	1¼	1¼	2½ —	50.0†
COBB	Cobb Resources Corp (M)	9184	6⅝	3⅛	5⅝	4¾ +	18.4
COBE	Cobe Laboratories Inc			See Page 15			
COKE	Coca-Cola Bottling Co Consolidated (M)	8660	40½	21½	38½	24¾ +	55.5
CCBM	Coca-Cola Bottling Co Consolidated (Miami) (M)	9607	86½	32	86½	36½ +	136.9
CFUR	Cochrane Furniture Co Inc	767	7	5	7	5⅝ +	21.7
CODN	Codenoll Technology Corp	9949	16	5	10⅜	7½ +	43.3
CODNU	Codenoll Technology Corp Uts	1525	21	6	15	9 +	66.6
CODNW	Codenoll Technology Corp Wts	6858	5¾	1⅜	4⅝	1⅞ +	146.6
COUR	Coeur D'Alene Mines Corp (M)	16627	18¼	5	18	8⅜ +	105.7
CESI	Cogenic Energy Systems Inc	58354	7⅛	1⅝	5⅞	1 1/16 +	224.1†
COGN	Cognitronics Corp (M)	7697	7⅝	1¾	6¼	2⅜ +	117.3
COHR	Coherent Inc (M)	38382	28½	11¼	24	15¼ +	57.3
CLBMF	Colby Resources Corp	7561	2⅜	1/16	1 1/16	2¼ —	41.6
CRIC	Collaborative Research Inc (M)	27558	14⅜	6⅛	11⅞	11 +	7.9*
CGEN	Collagen Corp (M)	36716	25	14¼	19¼	17½ +	10.0
CGII	Collector's Guild International Inc	2918	1⅛	¼	⅜	1½ —	75.0
CABK	Colonial American Bankshares Corp	1787	10¾	6½	9¼	8¼ +	12.1
CLBGC	Colonial Bancgroup Inc (The)	856	20	17	17	20 —	15.0
CBCN	Colonial Bancorp Inc (M)	7901	18¾	12¼	13½	17 —	20.5
CGES	Colonial Gas Co (M)	8148	11⅞	8⅞	11¼	9½ +	18.4
CGESP	Colonial Gas Co Pfd	469	13	11¼	12½	11½ +	8.6
CACCB	Colonial Life & Accident Ins Co Cl B (M)	23582	21¼	13⅞	16	16¼ —	1.5
TILE	Color Tile Inc			See Page 14			
CRDO	Colorado Energy Corp	10114	⅜	5/32	5/32	5/32 —	*
CGAS	Colorado Gasahol Inc	11157	1/32	⅛	¼	1/32 —	27.2
CGSI	Colorado Gold & Silver Inc	18856	1/32	1/32	1/32	1/32 —	*
COLC	Colorado National Bankshares Inc (M)	17179	21⅜	12⅜	18¼	19⅜ —	6.4†
CLGN	Columbia General Corp	854	10⅞	4½	5	10⅜ —	52.3
COLX	Columbine Exploration Corp	27385	1/32	⅛	5/32	1/32 —	30.7
COLM	Columbus Mills Inc	1780	15	8¼	13½	8½ +	58.8
COMR	Comair Inc	8679	9½	2⅝	7¼	4⅝ +	65.7†
COMO	Comanche Oil Exploration Inc	18762	7/32	5/32	5/32	5/32 —	28.5*
CMRO	Comarco Inc	758	8⅛	2¼	7⅝	2¼ +	244.4†
COMB	Combined Companies Inc	2778	2⅝	¾	1	2¾ —	63.6
PMAPP	Combined International Corp Cv Pfd	7	115	100	115	100 +	0.2*
CMCSA	Comcast Corp Cl A (M)	12539	27½	14¼	26¼	20¼ +	29.6
CASH	Comdata Network Inc (M)	35291	33⅛	14¼	31⅝	17⅛ +	81.4†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
CMDL	Comdial Corp		See Page 14				
CMDLW	Comdial Corp Wts	15186	17⅜	2⅜	17¼	3⅜	+ 345.1
CMCA	Comerica Inc (M)	26441	26⅜	18¼	24⅜	20¾	+ 19.2†
CBSH	Commerce Bancshares Inc (M)	3772	32	25⅜	31¼	27¾	+ 12.6
CCLR	Commerce Clearing House Inc (M)	21070	67	45¼	62	57¼	+ 8.2
COMU	Commerce Union Corp (M)	10220	15⅝	8½	11⅝	10⅝	+ 9.4
CBOCA	Commercial Bancorp Colo Cl A	906	12¼	9⅜	10⅜	11	— 2.2†
CBNJ	Commercial Bancshares Inc (M)	2402	19⅛	13½	17⅜	16	+ 9.3†
COBK	Commercial Bankstock Inc	362	21½	19	21	19¼	+ 9.0
COME	Commercial Decal Inc	1552	8	4¼	6½	4¼	+ 52.9
CMMC	Commercial International Corp	10388	3⅝	1⅜	2½	1⅛	+ 25.9
CSHR	Commercial Shearing Inc (M)	5004	14⅜	8⅜	10¼	14⅜	— 28.6†
CRCRO	Commodore Resources	18690	4¼	⅛	3/16	3⅜	— 95.0*
CBKS	Commonwealth Bancshares Corp	94	11½	10¾	11⅛	10⅜	+ 6.9*
CNHC	Commonwealth National Financial Corp (M)	1952	34	23	29	29	
CRTYZ	Commonwealth Realty Trust (M)	1081	8¼	5	7⅜	8¼	— 6.0
CWTE	Commonwealth Telephone Enterprises Inc (M)	1987	19¼	11⅜	17¼	13¼	+ 30.1
COTH	Commonwealth Theatres Inc (M)	469	22¼	14	21¼	14	+ 51.7
CCAB	Communications & Cable Inc	28560	3⅝	⅜	2⅛	⅜	+ 230.0
CCPA	Communications Corp of America		See Page 15				
CMGI	Communications Group Inc	11136	9	3	7¼	5¼	+ 38.0*
COMM	Communications Industries (M)	53053	33¼	17	32½	22	+ 46.5†
CSII	Communications Systems Inc (M)	6681	12	7⅛	10¼	10½	— 2.3
CNBT	Community National Bank and Trust Co of NY	5557	1/32	1/16	1/16	1/16	— 22.2
CVSI	Compact Video Inc (M)	94150	7¼	2⅜	5½	7¼	— 24.1
BPNRF	Compania Boliviana de Energia Electric SA	1403	3¼	1½	2⅜	3¼	— 34.6
ELSAY	Compania de Alumbrado Electricode San Salvador SA ADR	1759	⅜	1/16	1/32	⅜	— 21.4
CSCO	Comparator Systems Corp	188587	1/16	⅛	⅛	1/16	— 33.3
CMPH	Comprehensive Care Corp		See Page 14				
CCUP	Compucorp		See Page 15				
CSCN	Compuscan Inc (M)	66462	6¼	2⅜	5	3¼	+ 53.8
CASI	Computer Associates International Inc (M)	16708	37⅜	11½	35⅜	14¼	+ 150.8
CAUT	Computer Automation Inc (M)	26688	17	7¼	16¼	10	+ 62.5
CCTC	Computer & Communications Technology Corp		See Page 15				
CPTD	Computer Data Systems Inc (M)	7180	23	7¼	20	7¼	+ 175.8†
CDSI	Computer Designed Systems Inc	5387	2⅜	⅜	1½	2	— 37.5
CDIT	Computer Devices Inc (M)	59304	21¼	5	11½	7⅜	+ 48.3
CODI	Computer Dialysis Systems Inc	240554	¼	1/32	⅛	1/16	— 33.3
CESC	Computer Entry Systems Corp (M)	12722	9¼	4¼	7½	5⅛	+ 27.6
CFAC	Computer Factory (The)	5373	9¼	4½	8	4¾	+ 68.4*
CHRZ	Computer Horizons Corp	7338	7½	1½	7	3	+ 133.3†
CISI	Computer Input Services Inc	30960	26½	7¾	21½	8	+ 173.4*
CMIN	Computer Memories Inc (M)	23169	22¾	4½	19¾	4¾	+ 305.1†
COMI	Computer Microfilm Corp (M)	7058	4	1⅜	2¾	3¼	— 15.3†
CNET	Computer Network Corp (M)	16872	9⅜	3⅜	7	4¼	+ 64.7
CPRD	Computer Products Inc (M)	32777	14⅜	6⅛	11⅜	9¾	+ 20.5
CORE	Computer Research Inc	9886	4	⅞	3⅜	1½	+ 200.0
CRII	Computer Resources Inc	5156	2¼	1⅜	2⅜	2¼	+ 5.5
CTSK	Computer Task Group Inc	11158	17⅜	8¼	14½	11⅜	+ 23.4
CTML	Computer Terminal Systems Inc	4541	2⅜	1⅛	2½	2	+ 25.0
CTRC	Computer Transceiver Systems Inc	3276	7½	3¼	5⅜	5¼	+ 9.5
CUSE	Computer Usage Co (M)	4709	6¼	2⅜	6¼	3⅜	+ 85.1
CTON	Computone Systems Inc	36142	29⅜	13⅜	27⅛	14⅜	+ 83.8
CMSV	Comserv Corp (M)	44927	20⅛	11¼	16⅛	15	+ 10.0
CSRE	Comshare Inc (M)	16545	8⅝	5½	7½	7⅛	+ 5.2
CMSI	ComSystems Inc	7598	5⅜	2	4½	3⅜	+ 33.3
CMTL	Comtech Telecommunications Corp (M)	68264	8⅜	2⅜	6⅜	2⅜	+ 145.4
CMTX	Comtex Scientific Corp	15066	10	3	5⅜	7¼	— 31.6
CACP	Conair Corp (M)	24011	39⅜	8⅜	36¼	14	+ 158.9
CCPT	Concept Inc		See Page 15				
CC[illegible]U	Concept Inc Uts	7041	23¼	7¼	18⅜	9⅜	+ 88.3
CC[illegible]W	Concept Inc Wts	29224	8¼	1⅜	5⅜	2⅜	+ 135.0
CN[illegible]F	Concept Resources Ltd	13150	6¼	2	2⅜	6¼	— 56.0
CCDFC	Concorde Commodity Fund Inc	8165	1/16	⅛	⅜	⅛	+ 50.0
COND	Conductron Corp	2285	13¼	3	3½	13	— 73.0
CNSC	Conesco Industries Ltd	4469	2⅜	1¼	2⅛	2⅛	. . . . †
CNFG	Conifer Group Inc (M)	1495	30½	21	29½	21	+ 40.4†
CONA	Conna Corp (M)	4433	12	8	8⅜	12	— 28.1
CTWS	Connecticut Water Service Inc (M)	2115	12	8¼	11¼	8¼	+ 36.3
CNLG	Conolog Corp	2534	1⅜	¼	1	¼	+ 300.0
CACS	Consolidated Accessories Corp	147	11⅛	7	11⅛	8	+ 43.7
CAPCF	Consolidated Ascot Petroleum Corp	624	⅛	⅛	⅛	⅛	— 25.0*
CCITS	Consolidated Capital Income Trust		See Page 15				
CCPLS	Consolidated Capital Realty Investors SBI (M)	4967	41	25	41	38½	+ 12.3
CCSTS	Consolidated Capital Special Trust SBI	9540	27⅛	25	26⅜	26½	+ 0.9*
CCIMF	Consolidated Cinola Mines Ltd	18681	6⅜	1⅜	6	3⅜	+ 77.7
CNEG	Consolidated Equities Corp	440	3	1⅜	2	2⅜	— 30.4
CFIB	Consolidated Fibres Inc (M)	10371	6¼	2⅜	4⅜	3⅜	+ 19.3
CPER	Consolidated Papers Inc (M)	12494	33	23	32	26¼	+ 21.9
CPII	Consolidated Petroleum Industries Inc (M)	10333	3½	1/16	⅛	3	— 91.6
CPFTF	Consolidated Professor Mines Ltd	3288	1⅜	⅛	1⅜	1⅜	+ 27.7*
CTLC	Consolidated Tomoka Land Co	306	25⅛	19⅛	21	25	— 16.0
CNSL	Consul Corp (M)	31578	11⅞	5¼	11¼	6⅜	+ 76.4
CNSLW	Consul Corp Wts	9949	6¼	1⅜	6⅛	3	+ 104.1
CFIN	Consumers Financial Corp	697	3	1⅜	1⅜	3	— 41.6
CONW	Consumers Water Co (M)	1346	29¾	19½	29¾	19½	+ 52.5
CTEX	Context Industries Inc (M)	4874	2⅛	⅛	1/16	1⅛	— 43.3
CBRP	Continental Bancorp Inc (M)	6473	31⅜	22¼	28¾	25½	+ 12.7†
CISY	Continental Information System Corp (M)	21976	13½	3¼	11¼	3¾	+ 200.0†
CMOCF	Continental Minerals Corp	912	1/16	⅛	⅛	1/16	— 33.3*
CTLSF	Continental Silver Corp	9152	3⅜	⅜	1/16	2⅛	— 50.0
CSCS	Continental Steel Corp	41206	2⅜	1/16	⅛	1⅜	— 63.6
CSCSL	Continental Steel Corp Wts	1717	⅛	1/16	1/16	⅛	— 50.0
CSCSW	Continental Steel Corp Wts Cl A	478	1/16	1/16	1/16	⅛	— 50.0
CSCSZ	Continental Steel Corp Wts Cl B	689	⅛	⅛	⅛	⅛	— 66.6
CTUC	Continuum Co Inc (M)	6985	23	9¾	20¼	23½	— 13.8
CAPS	Contracap Inc	35513	2⅜	1	1¾	1⅛	+ 55.5*
CAPSU	Contracap Inc Uts	27176	3¼	1	2⅛	1½	+ 41.6*
CAPSW	Contracap Inc Wts	29680	1/16	1/16	⅛	⅛	+ 200.0*
CLSR	Control Laser Corp (M)	17869	16½	7⅜	10⅜	16½	— 37.1
CVGT	Convergent Technologies Inc				See Page 14		
CVST	Convest Energy Corp	10734	2⅜	1/16	1/16	1⅛	— 50.0
CWED	Conwed Corp (M)	1245	13½	9	13¼	11¼	+ 17.7
COPB	Cooky's Steak Pubs Inc	218	2¾	1¼	2¾	2¼	+ 22.2
CPEN	Cooper Resources & Energy Inc	188	7	4½	4½	7	— 35.7
CLEXF	Copper Lake Exploration Ltd	33530	1⅜	½	1	1½	— 33.3
CORRF	Coralta Resources Ltd	11101	2 1/16	⅞	1	2½	— 60.0
CORT	Coratomic Inc	454	3¾	3	3	3¼	— 7.6*
CORTW	Coratomic Inc Wts	257	1⅛	½	½	⅝	+ 40.0*
CORC	Corcom Inc (M)	10137	30	12¼	26	13	+ 100.0
CORD	Cordis Corp (M)	38677	44¼	17½	42	20	+ 110.0
CDYN	Cordyne Corp	12064	⅛	⅛	1/32	⅛	+ 75.0
COWPF	Cornwall Petroleum & Resources	21712	1¼	⅛	3/32	1	— 84.3
CRVS	Corvus Systems Inc		See Page 15				
COSS	Cosmetic Sciences Inc	16608	1⅞	3/16	1¼	⅛	+ 150.0
CSLH	Cotton States Life & Health Ins Co (M)	2977	6⅜	5¼	5⅜	5⅜	+ 6.8
CYTC	County Tower Corp (M)	2797	31	21	29¼	25¼	+ 15.8†
CRRC	Courier Corp (M)	3994	9½	4½	8½	8	+ 6.2
COUS	Cousins Properties Inc (M)	9891	14½	9⅜	14¼	12	+ 18.7
COVT	Covington Technologies (M)	45706	3⅜	⅜	2⅛	1/16	+ 161.5
COVTW	Covington Technologies Wts	2041	⅜	1/16	⅜	⅛	+ 200.0
CXRC	Cox Resources Corp	103994	1/16	1/32	1/32	1/32	— 80.0
CBRL	Cracker Barrel Old Country Store Inc (M)	15979	23¼	7¼	21¾	8¼	+ 163.6
CDCK	Craddock-Terry Shoe Corp (M)	4264	10½	7⅜	9	9⅜	— 7.6
CRAM	Cram Exploration Corp	44238	1/32	1/32	1/32	1/32	— 80.0
CRMR	Cramer Inc	1981	6½	5	5¾	6⅛	— 6.1
CRAW	Crawford & Co (M)	3989	19¼	12	16¼	15¾	+ 3.1
CRED	Credo Petroleum Corp	70211	4⅜	1/16	1/16	3½	— 69.6†
CRES	Crescent Petroleum Corp	87772	1/32	1/32	1/32	⅛	— 75.0
CBAG	Crested Butte Silver Mining Inc (M)	16864	2⅜	1	1⅜	1⅜	— 21.4
CRIM	Crime Control Inc	18885	21¼	7⅛	14½	10¼	+ 41.4*
CRIMG	Crime Control Inc Cv Dbs	8	112	94	96	99½	— 3.5*
CRNS	Cronus Industries Inc (M)	11213	10¼	4¼	10	6¾	+ 48.1
CTCO	Cross & Trecker Corp				See Page 14		
CFDS	Crowley Foods Inc (M)	4857	13¾	5⅜	13¾	5⅜	+ 155.8
CRNA	Crown America Inc	2407	6¼	3⅜	6¼	4¾	+ 31.5
CRMP	Crump (EH) Companies Inc (M)	9826	12	7⅜	10⅛	12	— 15.6
CFBI	Cullen Frost Bankers Inc (M)	17336	27⅜	18⅜	22	27¼	— 19.2
CULL	Cullum Companies Inc (M)	18075	37¼	21⅜	33½	22¾	+ 47.2
CUMS	Cummings Inc	521	3⅝	3	3¼	3⅜	— 10.3
CUMOF	Cumo Resources Ltd	51315	7⅜	1½	2¼	7⅜	— 69.4
CUSIF	Cusac Industries Ltd	5506	2⅜	⅝	2⅛	1⅛	+ 13.3
CUSH	Cushman Electronics Inc (M)	3364	7⅜	3	7	7⅜	— 5.0
CLAB	Custom Laboratories Inc	5029	4	2½	3⅛	2⅜	+ 40.9*
CUTC	Cutco Industries Inc	3003	15⅜	5½	12⅜	12⅜	. . . . †
CFED	Cutler Federal Inc	1949	2¼	½	2¼	1	+ 125.0
CDXX	Cyber Diagnostics Inc	32725	1	1/16	1/32	½	— 81.2
CYBR	Cybermatics Inc	1086	1¼	⅛	⅛	1/16	— 17.6
CYCR	Cycare Systems Inc (M)	9215	18⅜	9	14½	11½	+ 26.0
CYCC	Cyclotron Corp (M)	12561	8	2⅜	4¼	5½	— 22.7
CYMA	Cymaticolor Corp (M)	50070	16½	2½	3⅜	3½	+ 7.1†
CYPSA	Cypress Savings Assn Cl A	116	11½	11	11	11½	— 4.3*
CYPSU	Cypress Savings Assn Uts	325	14⅜	14	14	14½	— 3.4*
CYPSW	Cypress Savings Assn Wts	103	3⅛	2⅜	2⅜	3	— 8.3*
CYTX	Cytox Corp	48631	1 3/32	1/16	7/32	⅞	— 3.5
D DABI	DAB Industries Inc (M)	1484	5	3½	3½	5	— 30.0†
DBAS	DBA Systems Inc (M)	12894	21	7⅜	18½	8¼	+ 127.6†
DMIF	DMI Furniture	534	2¼	1¼	2¼	1½	+ 50.0*
DNAM	DNA Medical Inc	63292	1/16	1/16	⅛	⅛	+ 50.0
DOCO	DOC Optics Corp	363	5	2¼	3⅜	5	— 25.0
DESI	Dahlberg Electronics Inc	4574	2¼	1¼	1⅞	1⅝	+ 7.1
DAIEY	Dai' Ei Inc ADR	76	5⅜	4¼	5⅛	5⅜	— 4.6
DKMN	Dakota Minerals Inc	35396	⅛	⅛	1/32	1/16	— 72.2
DKTA	Dakota Resources Inc	22747	1/16	1/16	⅛	1/16	— 46.6
DALCC	Dalco Petroleum Corp	22092	5⅜	⅛	⅛	5¼	— 82.9
DOIL	Dallas Oil & Minerals Inc	145349	1/32	1/32	1/32	1/32	— 66.6
DANK	Danker Laboratories Inc (M)	8196	5	2⅜	3⅛	4¼	— 24.2
DANKW	Danker Laboratories Inc Wts	705	1/16	⅛	⅛	1/16	— 83.3
DNNR	Danners Inc	416	10¼	8	9	9⅜	— 7.6
DAONF	Daon Development Corp	12904	4¼	1/16	1⅜	4¼	— 66.6†
DRUGA	Dart Drug Corp Cl A (M)	7797	34½	10⅜	31	12⅜	+ 150.5
DASH	Dash Industries Inc (M)	23730	1 1/16	3/16	1/32	1/16	— 7.1
DRCH	Data Architects Inc	16433	12½	5¼	10¼	10½	— 2.3
DATC	Data Card Corp (M)	37390	14½	5⅜	12⅞	9⅜	+ 37.3

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
DDES	Data-Design Labs (M)	33694	16⅜	8½	12⅜	12½	+ 3.0†
DAIO	Data I/O Corp (M)	39152	19⅛	8¾	13¼	18	— 26.3
DPKG	Data Packaging Corp (M)	956	8	5	6¼	6	+ 4.1
DASW	Data Switch Corp	23200	32½	10⅞	28¼	12	+ 135.4*†
DFLX	Dataflex Corp	5630	3½	1¼	1¼	3½	— 64.2
DMAR	Datamarine International Inc	1575	9½	5⅛	7½	7	+ 7.1
DPWR	Datapower Inc	4987	8⅞	2⅝	8¼	5¾	+ 43.4
DSCP	Datascope Corp (M)	13383	18¾	9½	17½	16¾	+ 4.4
DTSPC	Dataspeed Inc	2570	9	4¼	7¼	7	+ 3.5*
DTSUC	Dataspeed Inc Uts	2397	10½	5	7¾	7¾	*
DTSWC	Dataspeed Inc Wts	3212	2⅛	1/16	⅜	1/16	+ 150.0*
DTAB	Datatab Inc	1816	1⅝	⅜	1/16	1⅝	— 67.8
DTRN	Datatron Inc	15315	3	1 1/16	2½	1 1/16	+ 135.2
DVIS	Datavision Inc	79039	6	2	3⅛	4	— 21.8
DATR	Datron Corp	86	1⅜	1⅛	1⅜	1⅛	+ 30.0*
DATM	Datum Inc	21129	6¼	1½	5⅜	1⅝	+ 228.5
DAPN	Dauphin Deposit Corp (M)	2422	62	42	52	46	+ 13.0
DJCC	David Jamison Carlyle Corp (The) (M)	31462	7	2⅛	4½	6	— 25.0
DAMIF	David Minerals Ltd (M)	20701	7	2	3⅝	6⅝	— 46.2
DWWS	Davis Water & Waste Industries Inc	2348	7¼	4⅜	5	7¼	— 31.0
DWSN	Dawson Geophysical Co (M)	13602	15⅝	4⅛	6⅝	15⅝	— 59.5
DMAL	Dayton Malleable Inc (M)	5090	19⅜	10½	19¼	13¼	+ 45.2
DBRSY	De Beers Consolidated Mines ADR	288641	7	2⅜	6 5/16	6 5/32	— 8.7
DCAS	Deca Energy Corp	16486	7	1⅜	2⅛	5½	— 61.3
DDCC	Decision Data Computer Corp			See Page 15			
DCSN	Decision Systems Inc (M)	9226	3⅜	1⅜	3⅜	1⅜	+ 107.6
DSII	Decom Systems Inc	9033	5⅜	2	4⅞	3	+ 58.3*
DSIIU	Decom Systems Inc Uts	4461	4	2½	4	3	+ 33.3*
DSIIW	Decom Systems Inc Wts	2751	3	⅜	2⅜	⅜	+ 533.3*
DKLBB	DeKalb Ag Research Inc			See Page 14			
DELE	Del Electronics Corp	1309	5⅜	3¼	3¾	5½	— 31.8
DDSC	Delta Data Systems Corp	19636	3⅜	1	2⅜	2¼	+ 16.6
DLTA	Delta Drilling Co (M)	34776	8¾	4½	4⅝	8¾	— 50.9
DGAS	Delta Natural Gas Co Inc (M)	1769	8½	6¾	8½	7	+ 21.4
DPET	Delta Petroleum Energy Corp (M)	24834	12	1¼	2	11¼	— 82.2
DQSC	Delta Queen Steamboat Co (M)	2535	12⅞	10¾	11	11⅛	— 1.1
DLTK	Deltak Corp (M)	9115	15	4¾	13¼	8¼	+ 60.6
DENC	Dencor Energy Cost Controls Inc	5929	1/16	¼	1/16	5/16	+ 60.0
DENL	Denelcor Inc (M)	42956	10¼	5¾	6½	8½	— 23.5
DENIF	Denison Mines Ltd	6389	28⅛	11⅜	22⅜	27¼	— 16.5
DWLD	Dental World Center Inc	9839	1/16	1/32	1/32	1/16	— 31.8
DNTYQ	Dentalloy Inc	1376	⅛	1/16	1/16	1/16	— 75.0
DTMD	Dento-Med Industries Inc	8903	1⅜	1/32	1	1¼	— 20.0
DENW	Denver Western Petroleum Corp	179800	5/32	1/32	1/32	5/32	— 88.8
DEPG	Dependable Insurance Group Inc of America (The) (M)	7196	8¾	6	6⅝	8⅛	— 22.0
DEPS	Deposit Guaranty Corp (M)	3504	29	20½	29	28½	+ 1.7
DSGN	Designatronics Inc	3273	9¾	3⅜	9	5½	+ 63.6†
PLAY	Destron Inc	701738	⅛	3/32	3/16	3/32	+ 100.0*
DETC	Detection Systems Inc (M)	10800	18¼	5¼	6¾	17½	— 61.4
DETCU	Detection Systems Inc Uts	188	20¾	8	8	20¼	— 60.5
DETCW	Detection Systems Inc Wts	739	3⅜	¼	¼	3½	— 92.8
DETX	Detector Electronics Corp (M)	10828	16¾	8	9½	15	— 36.6
DTRX	Detrex Chemical Industries Inc (M)	1266	38½	27½	34½	34½	
DTUN	Detroit & Canada Tunnel Corp	1667	11	10¾	10¾	11	— 2.2
DTXG	Detroit-Texas Gas Gathering Co	6279	2	1/16	1	1⅛	— 11.1
DEVR	Dever Exploration Inc	63739	1/16	1/16	1/16	1/32	— 60.0
DEWY	Dewey Electronics Corp	1446	7¾	2	7¼	2¼	+ 222.2†
DEXO	Dexon Inc	721	2¼	½	1½	2	— 25.0
DICC	Di-An Controls Inc	1305	2¼	1⅜	1⅜	2¼	— 33.3
DBLO	Diablo Oil Co	122585	⅛	1/32	1/32	1/32	— 80.0
DIAG	Diagnostic Data Inc (M)	25755	7	3¼	4⅜	5¾	— 17.3
DPCZ	Diagnostic Products Corp Inc (M)	12163	20½	9¼	20½	12	+ 70.8*
DRSI	Diagnostic/Retrieval Systems Inc (M)	16937	19½	6	17¼	8¼	+ 112.3†
DIAB	Diamond-B Industries Inc	1830	⅝	¼	¼	⅝	— 60.0
DSLT	Diamond Crystal Salt Co (M)	2723	31½	21½	29	22½	+ 28.8
DMND	Diamond West Energy Corp	24894	3½	½	1¼	2½	— 50.0
DBRL	Dibrell Brothers Inc (M)	3672	29½	12⅞	23¼	13⅜	+ 69.0†
DKNFA	Dickenson Mines Ltd Cl A	2345	4¼	1 1/16	4 5/16	1⅞	+ 123.3
DKNFB	Dickenson Mines Ltd Cl B	1490	4	⅞	4	2	+ 100.0
DKJC	DICKEY-john Corp (M)	5738	14½	8½	12	13½	— 11.1
DCOM	Dicomed Corp (M)	12909	13	6½	11½	9¼	+ 24.3
DTRH	Dietrich Resources Corp	26672	1/16	⅛	1/32	⅝	— 45.0
DILO	Digilog Inc (M)	15085	16	9	13	9¾	+ 33.3
DDII	Digital Datacom Inc	3928	4⅜	1¼	3½	1½	+ 133.3*
DDIIW	Digital Datacom Inc Wts	315	1	¼	⅜	¼	+ 200.0*
DIPC	Digital Products Corp (M)	26759	14¼	4¼	8⅜	11	— 20.4
DRSO	Digital Recording Corp	8477	⅜	⅛	⅛	⅜	— 66.6
DRSOU	Digital Recording Corp Uts	6453	1⅜	⅛	5/16	1	— 56.2
DRSOW	Digital Recording Corp Wts	8469	⅜	1/16	1/16	⅜	— 66.6
DIGI	Digital Switch Corp			See Page 14			
DIGIU	Digital Switch Corp Uts	2505	88	14¼	71	14¼	+ 398.2
DIGIW	Digital Switch Corp Wts	42290	41¾	4⅜	30⅜	5⅛	+ 500.0
DMIS	Dimis Inc (M)	10114	4⅛	1¼	3½	2½	+ 40.0
DINB	Dinner Bell Foods Inc (M)	1947	11	6½	11	9	+ 22.2
DNEX	Dionex Corp	14712	29	23	23	26⅝	— 14.0*
DION	Dionics Inc	1177	4⅜	1½	3½	4½	— 22.2
DCNY	Discount Corp of NY (M)	6576	77	38	72½	42	+ 72.6
DISV	Discovery Oil Ltd (M)	46355	2¼	1/16	1	2⅛	— 52.9
DTIB	Distribuco Inc (M)	2109	4⅞	3¼	3⅝	4	— 3.1†
DIXN	Dixon (Joseph) Crucible Co (M)	1529	36	20	29	36	— 19.4
DIXS	Dixson Inc	593	⅞	¾	¾	⅞	— 14.2
DOAK	Doak Pharmaceutical Co	783	2	1¼	1⅝	1¾	— 7.1
DCTL	Docutel/Olivetti Corp			See Page 14			
DOLS	Dol Resources Inc	22330	1/16	1/16	⅛	¼	— 50.0
DOLR	Dollar General Corp (M)	16035	19⅛	7⅛	18¼	7⅛	+ 156.1†
DMBK	Dominion Bankshares Corp (M)	22406	16⅜	11¾	14⅛	16½	— 14.3
DOMH	Dominion Holdings Inc	362	¾	⅛	⅛	¾	— 33.3
DMRTS	Dominion Mortgage & Realty Trust SBI (M)	12247	4¾	3½	3½	5	— 30.0
DOMR	Dominion Resources Inc	13809	1/16	⅛	3/32	1/16	— 64.2
DONEF	Donegal Resources Ltd	2389	1/16	⅛	1/16	¾	— 58.3
DONOA	Donovan Companies Inc Cl A (M)	1305	9¼	7¾	8½	9¼	— 8.1
DORE	Doran Energy Corp	1056	4	1½	1¾	4	— 56.2
DHULZ	Dorchester Hugoton Ltd	8670	7⅜	4	5	4	+ 25.0*
DOTX	Dotronix Inc	6596	3¼	1⅛	2½	2	+ 25.0
DEERF	Double Eagle Energy & Resources Ltd	783	1⅛	3/16	⅜	⅞	— 57.1
DBLE	Double Eagle Petroleum & Mining Co	25215	2½	⅞	1⅝	1⅞	— 13.3
DOBQ	Doughtie's Foods Inc	762	4⅞	3¼	4½	3¾	+ 20.0†
DOUG	Douglas & Lomason Co (M)	1284	16	8¾	15½	9½	+ 63.1
DOYL	Doyle Dane Bernbach International Inc (M)	18299	21¼	14¼	21¼	17⅜	+ 19.7
DRAN	Dranetz Engineering Labs Inc (M)	2892	19¼	10⅜	17⅜	14	+ 26.7
DRSDY	Dresdner Bank AG ADR	154	71	44	61¼	57½	+ 6.5
DRWN	Drew National Corp (M)	14948	1⅝	⅜	1 5/16	⅞	+ 50.0
DRWNP	Drew National Corp Pfd Cl A (M)	9117	8⅛	3⅞	6⅝	5½	+ 25.0
DREW	Drewry Photocolor Corp	116	5½	4⅜	4⅜	5¼	— 9.5
DRXR	Drexler Technology Corp (M)	35006	17⅜	8	17	11½	+ 47.8
DRYR	Dreyer's Grand Ice Cream Inc (M)	17648	30⅛	11⅛	27½	12⅜	+ 120.2†
DRFNY	Driefontein Consolidated ADR	108401	33¼	12⅞	33⅛	23⅜	+ 41.7
DUAL	Dual Lite Inc (M)	7670	4⅞	2¾	3½	3¼	+ 7.6
DUCK	Duckwall-Alco Stores Inc (M)	10591	16½	6¼	16½	8½	+ 94.1
DKOE	Duke of Energy Corp	43328	7¼	1¼	5	1⅜	+ 263.6*
DUNK	Dunkin Donuts Inc (M)	36964	29	11	25⅜	14¼	+ 79.8
DRLH	Duralith Corp (M)	5372	11½	6¼	11	10½	+ 4.7—
DUCO	Durham Corp (M)	4174	41½	31½	39	35½	+ 9.8
DURI	Duriron Co Inc (M)	19499	14½	8⅜	12⅞	14¼	— 14.9
DUFM	Durr-Fillauer Medical Inc (M)	17144	16½	6½	15	7¼	+ 106.8†
DYTR	Dyatron Corp (M)	3951	4	2⅛	2½	3⅜	— 31.0
DYHM	Dynamic Homes Inc	2928	3	¾	3	1½	+ 100.0
DRCO	Dynamics Research Corp	3941	7¾	3⅜	6½	4½	+ 44.4†
DYNA	Dynascan Corp (M)	21106	14½	3⅜	12⅜	6½	+ 96.1†
DSON	Dynasonics Corp	1663	2¼	⅞	1	2¼	— 55.5†
DYNO	Dynasty Oil Corp	320	⅜	¼	⅜	⅜	*
DYTC	Dynatech Corp (M)	29601	27¾	11½	24¼	18	+ 34.7†
DYNI	Dynatrend Inc	5005	4¾	2¼	3¼	4½	— 27.7
DYSN	Dysan Corp			See Page 14			
EHIL	EH International Inc	11131	3¼	⅞	3¼	2⅛	+ 52.9
EILI	EIL Instruments Inc (M)	5190	9¼	4¼	7¼	5¼	+ 38.0
EIPM	EIP Microwave Inc (M)	7627	23¾	6¾	19¼	9	+ 113.8
EMCE	EMC Energies Inc	7799	2⅝	¾	1/16	1½	— 37.5
EMCI	EMC Insurance Group Inc (M)	3646	7¾	5	6¼	7¾	— 19.3*
EMFC	EMF Corp	13613	3¼	1¼	2¼	3¼	— 30.7
EGCLY	Eagle Corp ADR	7466	1/32	⅛	⅛	⅜	— 66.6
EGLE	Eagle Exploration Co	8288	4½	1¼	1⅜	3¾	— 63.3
EALG	Ealing Corp (The)	3066	3	1⅜	1⅜	1⅞	— 13.3
ERLY	Early Calif Industries Inc (M)	12724	7¼	5⅜	7	7½	— 6.6
ESCIC	Earth Sciences Inc	5132	⅜	3/16	¼	3/16	— 20.0
ESTO	Eastco Industrial Safety Corp	241	1⅞	1½	1⅞	1 13/16	+ 3.4
ESALW	Eastern Airlines Inc Wts (M)	2734	3⅜	1⅜	3⅛	2½	+ 30.0
EMET	Eastmet Corp (M)	33013	6¾	3¼	4¼	6⅜	— 35.8
EASTS	Eastover Corp SBI (M)	920	21½	17½	21½	18⅝	+ 15.4†
EATNP	Eaton Corp Pfd	121	51½	34	46	46½	— 1.0
EAVN	Eaton Vance Corp (M)	2592	27½	11½	27½	15⅝	+ 74.6
ETHM	Econo-Therm Energy Systems Corp (M)	2497	11¼	5⅜	5⅜	9½	— 37.8
ECON	Economics Lab Inc			See Page 14			
EDSE	Edison Sault Electric Co	278	10½	8½	10½	8¾	+ 20.0
EDCC	Educational Computer Corp	5963	20½	5	17½	5	+ 250.0
EDUC	Educational Development Corp	1031	¾	1/16	⅛	¾	— 33.3
EDCM	Educom Corp	3541	4	2½	3⅜	3	+ 12.5*
EDWR	Edwards Industries Inc	763	8	4	4⅜	5½	— 13.6
EGOR	Ego Resources Inc	12991	1⅜	1/16	⅛	1⅛	— 55.5
KONX	Eikonix Corp (M)	14083	10⅜	2¼	8	6¼	+ 28.0
ELPA	El Paso Electric Co			See Page 14			
ELAN	Elan Pharmaceutical Research Corp	15608	14½	6¼	14½	8¼	+ 75.7*
ELCN	Elco Industries Inc	728	14	8½	13½	10½	+ 28.5
ELDR	Elder-Beerman Stores Corp (M)	1106	5¼	4⅜	5	5¼	— 4.7†
ELDN	Eldon Industries Inc (M)	4144	14½	5¾	13½	6¾	+ 100.0†
ELDB	Eldorado Bank (M)	1530	11	6¼	7⅛	11	— 34.0†
ELDG	El Dorado Gold/Exploration	19920	1/16	⅛	3/32	⅜	— 79.1
EBII	Electro-Biology Inc (M)	47013	38	17	33¾	19	+ 75.0
ECTH	Electro-Catheter Corp (M)	4348	11⅜	4¼	11⅜	5¼	+ 123.8
ENUC	Electro-Nucleonics Inc (M)	34659	15⅞	5⅜	13⅜	10¼	+ 35.3
ELRC	Electro Rent Corp			See Page 15			
ELSE	Electro-Sensors Inc	780	2½	1¼	2¼	1⅞	+ 20.0
ELMG	Electromagnetic Sciences Inc (M)	11359	24⅜	9¾	24¼	11½	+ 110.8†
ELMD	Electromedics Inc	75322	2⅛	⅝	1 5/16	1	+ 18.7
ELCS	Electronic Control Systems Inc	394	1⅜	⅜	1/16	1¼	— 35.0
EMCA	Electronic Mail Corp	8392	7⅜	4¼	6	6	*
EMOD	Electronic Modules Corp (M)	23719	24	10	22⅛	11½	+ 93.4†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
ETCO	Electronic Tabulating Corp	117	9	2⅛	6½	3½	+ 85.7
ETRC	Electronic Theatre Restaurants Corp	5983	8¼	4¾	5⅛	8¼	— 33.3*
ECILF	Electronics Corp of Israel Ltd	11562	20¼	11¼	18⅜	12⅛	+ 54.6*
ECIN	Electronics Missiles & Communications Inc (M)	12766	20	8½	13¼	15	— 11.6
ELEC	Electrospace Systems Inc (M)	11636	40	15⅝	35	17	+ 105.8†
EWAT	Elizabethtown Water Co (M)	1349	23½	16	22½	16½	+ 36.3
ELIS	Ellis Banking Corp (M)	10623	19¼	10⅜	17½	13¼	+ 32.0
ELLM	Ellman's Inc (M)	6472	14¼	5⅛	12¼	5⅛	+ 139.0
ELRNF	Elron Electronic Industries Inc	2625	26¼	8¾	25¼	9¾	+ 158.9*
ELRNZ	Elron Electronic Industries Inc Pfd (M)	13803	26¼	8¾	25	9½	+ 163.1†
ELSTF	Elscint Ltd (M)	55409	25¼	7¾	24¼	10½	+ 130.9†
EMRY	Emery Energy Inc	6557	1⅜	⅜	⅜	1⅜	— 75.0
EMRYU	Emery Energy Inc Uts	1297	3¾	½	½	3½	— 85.7
EMRYW	Emery Energy Inc '83 Wts	1392	⅜	1/16	1/16	⅜	— 83.3
EMRYZ	Emery Energy Inc '85 Wts	1296	¼	1/16	1/16	⅛	— 75.0
EMCC	Emett & Chandler Cos Inc (M)	4190	10⅜	8⅛	9⅞	9	+ 9.7
EMON	Emons Industries Inc (M)	10605	2⅛	½	13/16	2⅜	— 65.7
EMONP	Emons Industries Inc Pfd (M)	2488	3½	¾	1⅜	3¾	— 53.3
EMPI	Empi Inc	5876	9¼	3¼	9¼	4	+ 131.2
EAIR	Empire Airlines Inc (M)	8471	8½	2½	4⅜	8	— 45.3
EMPC	Empire-Crown Auto Inc	4791	6½	2	6½	2⅛	+ 205.8
EMPOQ	Empire Oil & Gas Co (M)	61522	2 1/16	3/32	3/32	2 1/16	— 89.3
EPCO	Empire Pencil Corp	684	17	7¾	17	11	+ 54.5
ECRC	Employers Casualty Co (M)	3251	32¾	22½	32	28	+ 14.2†
EMLX	Emulex Corp (M)	45329	36¾	8½	34½	10¼	+ 236.5
ENCR	Encore Industries Inc	8963	4⅛	1/16	1/16	1½	— 95.8
EGEXF	Energex Minerals Ltd	446	⅜	1/16	⅜	¾	— 50.0
EAIC	Energy Assets International Corp	32605	1½	1/16	1¼	11/32	+ 263.6
ECDC	Energy Capital Development Corp	72705	⅛	3/32	⅛	⅛	
ENER	Energy Conversion Devices Inc (M)	52870	25	9⅜	17⅝	11¾	+ 50.0
ENERW	Energy Conversion Devices Inc Wts	3557	5	1½	2	2	
EDIC	Energy Dynamics International Corp	98279	25/32	3/32	3/16	7/16	— 57.1
EECO	Energy Environmental Co Inc	16506	1/16	1/16	3/32	3/32	+ 66.6
EMTH	Energy Methods Corp (M)	17763	2½	1 1/16	1 3/16	1¾	+ 3.5
ENNIV	Energy North	0	7	7	7	7	
EOIL	Energy Oil Inc	68475	2 1/16	⅞	1⅜	1⅜	+ 18.1
EOPT	Energy Optics Inc	6992	3⅜	1⅜	2⅜	3⅜	— 27.5
ENPC	Energy Production Co	47034	3/32	1/32	1/32	3/32	— 80.0
ENPCU	Energy Production Co Uts	5219	⅜	⅛	1/16	⅜	— 80.0
ERES	Energy Reserve Inc	19478	14⅜	4½	5¼	9½	— 44.7
ERGS	Energy Reserves Group Inc (M)	519311	10⅛	3	3½	10	— 65.0
SAVE	Energy Resources of North Dakota Inc	9670	13¾	7/16	1¾	13¾	— 87.2†
ENSO	Energy Solutions Inc	20031	1 1/16	⅜	1⅜	⅜	+ 120.0
ENGSQ	Energy Sources Inc (M)	17104	4⅜	⅛	3/16	4⅛	— 95.4
ESHLY	Energy Systems Holding Ltd ADR	47	1⅛	1/16	1¼	1½	— 16.6*
ESHLF	Energy Systems Holding Ltd	3789	2	¼	⅜	2	— 68.7*
ENSI	Energy Systems Inc	14019	3½	1/16	5/16	2⅜	— 88.6
ENGY	Energy Ventures Inc (M)	6255	10⅛	6¼	6⅜	9¼	— 27.0
ENTK	Enertech Inc	14307	2	⅛	3/16	1 3/16	— 52.6
ENTKU	Enertech Inc Uts	11155	2⅛	⅛	1/16	1⅜	— 60.7
ENTKW	Enertech Inc '84 Wts	2783	3/16	1/32	1/32	3/16	— 83.3
ENTKZ	Enertech Inc '86 Wts	2941	3/16	1/32	1/32	3/16	— 83.3
ENEX	Enex Resources Corp	33577	1 1/16	7/16	1 3/16	1 5/16	— 13.3
EMCX	Engineering Measurements Co	7593	4½	1⅜	3⅜	2⅞	+ 17.3
ENGH	Engraph Inc (M)	3937	12⅝	6	12⅝	6⅜	+ 98.0†
ENTR	Enterprise Oil & Gas Corp	348108	7/16	3/32	1 3/32	5/16	+ 30.0
ENTW	Entwistle Co	1733	15⅛	8¾	13	8¾	+ 48.5
ENVRC	Envirodyne Industries Inc	6051	1⅜	¼	1	⅞	+ 166.6
ETCC	Environmental Test Corp	9202	12¼	4⅜	12¾	4⅜	+ 168.4*
EVRO	Envirosearch Corp	2696	2¼	½	½	2¼	— 77.7
ENZO	Enzo Biochem Inc (M)	37435	26½	8	26½	16	+ 65.6
EPSC	Epsco Inc (M)	7597	7	3¾	5⅜	6¼	— 8.0
MACG	Equilink Corp	1801	1⅝	¾	⅞	1½	— 41.6
EQNT	Equinetics Inc	23793	9/32	1/16	9/32	3/16	+ 50.0
EQNTU	Equinetics Inc Uts	4754	1¼	¼	⅞	⅞	
EQIX	Equinox Solar Inc	168332	4¼	7/16	3 1/16	⅝	+ 510.0
ECOAC	Equipment Co of America	146	⅜	1/16	1/16	1/16	— 50.0
EBNC	Equitable Bancorp (M)	12,613	27	16¾	27	18¼	+ 48.9†
EQICA	Equitable of Iowa Cl A	628	18	13½	18	18	
EQICB	Equitable of Iowa Cl B (M)	2333	17½	13¼	17¼	16¾	+ 2.9
EQTY	Equity Oil Co			See Page 15			
EQSF	Equity Strategies Fund	3065	9⅜	7¼	8¾	9¼	— 5.4*
ERBL	Erb Lumber Co (M)	675	16¼	7½	14	10	+ 40.0
ERICF	Ericsson (LM) Telephone Co	34527	47½	21¾	46½	25½	+ 82.3†
ESCA	Escalade Inc	1595	1⅝	¾	1	⅞	+ 14.2
EXBC	Essex Bancorp Inc	1762	17	12½	16½	13	+ 26.9*
ESEX	Essex Corp	10497	12¼	3½	9¼	5	+ 85.0
ESTB	Esteban's Mexican Foods Inc	11158	2½	⅝	1¼	2¼	— 44.4
EVRC	Evaluation Research Corp	918	5	3¾	5	4½	+ 11.1*
EVRCU	Evaluation Research Corp Uts	2132	12½	10	12	10¾	+ 11.6*
EVRCW	Evaluation Research Corp Wts	186	2½	1	2½	1½	+ 66.6*
EVAN	Evans Inc	420	23	19	22½	20⅛	+ 9.7
ESCC	Evans & Sutherland Computer Corp			See Page 15			
EVER	Evergreen Resources Inc	182731	3/32	3/32	⅛	⅜	— 66.6
XCALF	Excalibur Energy Corp	5018	⅝	⅜	⅝	¼	+ 25.0
EXCAC	Excalibur Technology Corp	34506	6⅞	3½	5⅜	6⅜	— 15.6
EXLL	Excel Energy Corp (M)	4384	¾	⅞	1 1/16	⅝	+ 10.0
EXCL	Excelsior Insurance Co (M)	1004	17¾	11	11¼	16⅜	— 32.8
EXBN	Exchange Bancorp Inc (M)	27082	31¾	15⅛	31¾	16¼	+ 96.8
EXCG	Exchange International Corp	629	8⅜	7	8	7¼	+ 10.3*
XCOA	Excoa Oil & Gas Inc	116908	3/32	1/32	1/32	1/16	— 50.0
EXID	Exidyne Inc	122610	3/32	1/16	5/32	⅛	+ 25.0†
TXCO	Exploration Co (The)	26857	2	1/16	1/16	1 1/16	— 96.7
EXPL	Explosive Fabricators Inc	6725	1⅜	⅛	5/16	⅛	— 37.5
EXPOY	Expo Oil NL ADR	250	1/32	⅛	⅛	1/32	— 63.6
FUEL	Extractive Fuels Inc	15541	1/16	⅛	5/32	½	— 68.7
FMNT	F & M National Corp	1696	12	9⅜	12	10¾	+ 11.6†
FMIF	FMI Financial Corp (M)	38936	5¼	1 1/16	4⅛	1 5/16	+ 127.5
FNFC	FN Financial Corp	7858	18	16¾	17¼	17½	— 1.4*
FBRC	Fabric Wholesalers Inc	3634	21	5½	18½	8½	+ 117.6
FAFO	Fafco Inc (M)	8005	4	2¼	2⅜	3⅜	— 29.0
FAIR	Fair Lanes Inc (M)	5770	9¾	4	8⅞	5½	+ 61.3†
FRTX	Fair-Tex Mills Inc	1942	3⅜	1⅞	3⅜	1⅞	+ 80.0
FARF	Fairfield-Noble Corp	5264	3⅛	⅜	1⅜	⅛	+ 85.7
FLOG	Falcon Oil & Gas Co	13264	⅜	1/16	⅜	1/16	— 14.2
FLCP	Falcon Products Inc	1410	4	2⅝	3	3¼	— 7.6
FALCF	Falconbridge Ltd	1254	61½	24¼	38¼	61½	— 37.8
FALB	Falstaff Brewing Corp (M)	22816	4	1 1/16	3½	2½	+ 40.0
FAMC	Familian Corp	238	4	2⅞	3¼	4	— 18.7
FMLY	Family Entertainment Centers Inc	11505	11	5⅞	6¾	10⅜	— 36.4*
FDLB	Faraday Labs Inc	7443	8⅜	2	8¼	2⅛	+ 288.2
FARE	Fared Robot Systems Inc	240996	1 1/16	¼	1 3/32	¼	+ 612.5*
FHFC	Farm House Foods Corp (M)	44621	6⅛	3⅜	4¼	6⅜	— 37.0†
FARM	Farmer Brothers Co (M)	2655	35¼	23½	31	27⅝	+ 11.7
FGRP	Farmers Group Inc			See Page 14			
FARC	Farr Co (M)	3414	7½	3⅝	6½	4⅜	+ 48.5
POPI	Fast Food Operators Inc	17356	1 1/16	⅜	1 1/16	9/16	+ 200.0
POPIU	Fast Food Operators Inc Uts	17942	2 1/16	⅜	2⅛	⅝	+ 240.0
POPIW	Fast Food Operators Inc Wts	9315	7/16	1/16	3/32	1/16	+ 550.0
FSCR	Federal Screw Works (M)	3704	10½	4½	8¾	6	+ 45.8
FDCKB	Federated Development Corp Cl B	4158	6⅛	3	4½	3⅛	+ 44.0*
FEDG	Federated Guaranty Life Ins Co (M)	2139	13	6¾	11¼	8¼	+ 36.3
FINC	Federated Income & Private Placement Fund (M)	7507	8⅞	6⅞	8⅛	7⅛	+ 15.7
FEDP	Federated Purchaser Inc	1137	1¼	½	1⅛	1	+ 12.5†
FERO	Ferrofluidics Corp	81412	4½	1⅝	3	2	+ 50.0
FERVY	Ferrovanadium Corp ADR	252747	1/16	1/32	1/16	3/32	— 71.4
FEYI	Fey Industries Inc	3410	4⅞	3¼	4¼	3½	+ 21.4
FICR	Fidelcor Inc (M)	43460	30½	16	25¼	24⅜	+ 3.5
FFED	Fidelity Federal S&L Assn			See Page 15			
FMSI	Fidelity Medical Services Inc	17341	2⅛	½	1 1/16	1¼	— 15.0
FMSIU	Fidelity Medical Services Inc Uts	2938	4½	1¼	2½	3¼	— 23.0
FMSIW	Fidelity Medical Services Inc Wts	8055	⅝	⅛	1/32	⅜	— 45.0
FDOK	Fidelity of Oklahoma Inc	3119	14⅜	9½	12	11⅞	+ 1.0†
FIDU	Fiduciary General Corp	4287	2	1	2	1¼	+ 60.0
FIVE	Fifth Avenue Cards Inc	2304	1½	⅜	1¼	⅜	+ 233.3
FITB	Fifth Third Bancorp (M)	2780	66	49⅜	61⅜	50¼	+ 22.8
FIGEP	Figgie International Inc (M)	2492	10⅜	6	9¼	7¼	+ 27.5
FTEC	Filmtec Corp	1656	17½	9	15½	12	+ 29.1*
FINL	Financial Inc	378	10	6	10	8	+ 25.0
FNIN	Financial Industries Corp (M)	365	3⅜	3⅜	3⅜	3⅜	
FNNI	Financial News Network Inc	25929	6⅜	2⅛	6¼	2⅛	+ 194.1*
FNNIU	Financial News Network Inc Uts	19851	11	2⅝	10	2⅝	+ 247.8*
FNNIW	Financial News Network Inc Wts	20548	4⅜	⅛	3 1/16	9/16	+ 555.5*
FINX	Fingermatrix Inc (M)	49014	7⅜	2⅜	4⅜	5⅛	— 14.6
FINXP	Fingermatrix Inc Pfd	499	10	8¼	8¼	9⅜	— 15.3*
FINXU	Fingermatrix Inc Uts	2903	11½	9⅜	10⅛	10¼	+ 6.0*
FINXZ	Fingermatrix Inc Wts	2152	1⅜	⅛	1⅛	⅜	+ 200.0*
FINXW	Fingermatrix Inc Wts	8752	4¼	⅜	1¼	2⅜	— 47.3
FNNG	Finnigan Corp (M)	42193	12	4⅜	8⅜	7½	+ 15.0
FABC	First Alabama Bancshares Inc (M)	18343	29¼	20½	26½	29	— 8.6
FABK	First American Bank Corp (M)	6922	19	14½	18⅝	16¼	+ 14.6
FABKP	First American Bank Corp Cv Pfd (M)	3507	8¾	6⅜	8⅜	7	+ 19.6
FIAMA	First American Bank & Trust (Palm Beach) Cl A (M)	12899	8¾	5⅞	8⅛	5⅞	+ 38.2†
FIAMB	First American Bank & Trust (Palm Beach) Cl B	501	9	7	8	8	†
FATN	First American Corp (M)	20791	16¼	11⅜	14⅜	13⅜	+ 8.2
FAMR	First American Financial Corp (M)	5797	19	8½	18¼	11	+ 65.9
FATX	First American Financial of Texas Inc	17508	3¾	1	3½	1½	+ 133.3*
FBCO	First Arkansas Bankstock Corp (M)	1550	16⅞	14	14½	16⅜	— 12.7†
FBGA	First Bancgroup-Alabama Inc (M)	2608	25½	15¼	18	18⅜	— 4.0
FINH	First Bancorp (NH) Inc (M)	2154	31	14¼	27½	14⅜	+ 86.4*†
FBLA	First Bancshares of Louisiana Inc (M)	1804	30¾	24⅜	30¾	24⅜	+ 24.8†
FBSH	First Bankshares Corp (SC) (M)	3742	30	19½	28¼	23½	+ 20.2
FBKS	First Bank System Inc			See Page 14			
FBOS	First Boston Inc (M)	20487	87¾	32⅜	72½	35¼	+ 105.6
FCAP	First Capital Corp (M)	860	33	24	28	26	+ 7.6
FRST	First Capital Financial Corp	7581	9¾	5½	8	8	*
FCARS	First Carolina Investors SBI (M)	3345	12	9¼	12	9½	+ 26.3
FCSL	First City Federal S&L Assn (M)	12064	34½	6¾	33¼	10½	+ 216.6
FCFN	First City Financial Corp	1406	10½	9	10	9	+ 11.1*
COIN	First Coinvestors Inc (M)	1625	1¾	⅝	1½	1⅝	— 7.6
COINU	First Coinvestors Inc Uts	92	2¼	⅝	1⅞	2	— 12.5
COINW	First Coinvestors Inc Wts	228	⅛	⅛	⅛	⅛	
FCLF	First Columbia Financial Corp	24575	12¾	2½	12⅜	2⅜	+ 350.0*
FCOM	First Commerce Corp (M)	8149	28	19½	27¾	24	+ 15.6†
FCOB	First Commercial Bancorp	768	9½	6½	7½	9½	— 21.0
FCBC	First Connecticut Bancorp Inc (M)	2285	36½	24	36	24	+ 50.0†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
FCRES	First Continental Real Estate Investment Trust SBI (M)	4829	12	7⅜	10⅜	8¼	+ 30.3
FFBC	First Eastern Corp	896	40	24½	35½	26	+ 36.5
FEMP	First Empire State Corp (M)	7768	26	15½	24¼	19¼	+ 25.9
FEXC	First Executive Corp			See Page 15			
FFWS	First Farwest Corp (M)	3215	10½	5¾	7¼	9	— 19.4
FFSA	First Federal S&L Assn of Madison	1259	8	4	7½	4½	+ 66.6
FFSR	First Federal S&L Assn of Raleigh (M)	3007	11¾	5½	10¼	8	+ 28.1
FFSL	First Federal S&L Assn of Roanoke	1347	8¼	4½	8¼	6¾	+ 22.2
FFLI	First Federated Life Ins Co	210	20	13	20	14½	+ 37.9
APIO	First Fidelity S&L Assn	1410	3½	1⅜	3½	2¼	+ 55.5
FFIN	First Financial S&L Assn (M)	4769	16¼	5¼	13¼	9¼	+ 43.2
FFBK	First Florida Banks Inc (M)	40928	12⅛	7⅜	11⅜	9⅜	+ 24.0
FGNLS	First General Resources Co SBI	6452	3½	⅛	1⅜	⅞	+ 133.3
FHWN	First Hawaiian Inc (M)	3448	33	22	28½	29½	— 3.3
FIDA	First Idaho Corp	159	⅛	1/16	⅛	⅛	— 42.8
FTIL	First Illinois Corp (M)	1308	13¼	11	12⅞	13¼	— 3.7
FJNC	First Jersey National Corp (M)	6446	18	12½	17½	13	+ 34.6
FJNCP	First Jersey National Corp Pfd	1552	27⅞	21	26½	22¼	+ 19.1
FKYN	First Kentucky National Corp (M)	5875	40½	25⅜	40½	35¾	+ 13.2
FLNC	First Lincoln Financial Corp (M)	7081	4¾	1¾	4⅛	3¾	+ 19.0
FMDB	First Maryland Bancorp (M)	16650	22½	16¼	19½	20	— 2.5
FMAT	First Matagorda Corp	6259	9	5	8½	8⅛	+ 4.6
FMCH	First & Merchants Corp (M)	18772	23⅛	14	20½	15⅛	+ 35.5†
FMCHP	First & Merchants Corp Pfd	256	30½	21	27	21	+ 28.5
FMWC	First Midwest Corp	1336	7¼	4	7¼	5¼	+ 38.0†
FMFCV	First Midwest Financial Corp	390	3	2¼	2 1/16	3	— 18.7*
FNBA	First National Bancorp of Allentown Inc (M)	2979	20¾	14	20¼	19¾	+ 2.5
FBLR	First National Bancshares Inc	586	34	30½	32	30½	+ 4.9
FBOH	First National Bank of Akron	2777	32½	20½	31½	22	+ 43.1
FNNJ	First National Bank of New Jersey (M)	4933	26½	14¼	26¼	15½	+ 69.3
FNAC	First National Cincinnati Corp (M)	5477	36¼	23	36¼	27	+ 34.2
FNBC	First National Corp of Calif	1839	16	8½	10	14	— 28.5*
FNCA	First National Corp (LA)	247	6¾	4¾	6½	5½	+ 18.1
FNTC	First National Corp (Wisc)	592	16	13½	16	15½	+ 3.2
FOOD	First National Supermarkets Inc (M)	20684	15	4	14½	4½	+ 222.2
FNMB	First New Mexico Bankshares Corp (M)	5359	22½	15⅜	20¾	18½	+ 12.1
FIRO	First Ohio Bankshares (M)	1699	39	24⅜	34¾	25½	+ 36.2†
FOKL	First Oklahoma Bancorp Inc (M)	15353	25⅛	15½	17⅛	25⅛	— 31.8
FPNJ	First Peoples National Bank of New Jersey (M)	1782	11¼	8	9	9¾	— 7.6
FPNJP	First Peoples National Bank of New Jersey Pfd	469	13½	10½	13	13	. . . .
FRRG	First Railroad & Banking Co of Georgia (M)	13562	18⅜	9½	17⅛	9¾	+ 75.6
FSAW	First Savings Assn of Wisc (M)	12815	9¼	4¼	8⅛	7¾	+ 6.4
FSCO	First Security Corp (M)	26160	23⅜	14⅛	21	20⅝	+ 0.5
FTEN	First Tennessee National Corp (M)	38045	19½	13¼	17¼	15½	+ 11.2
FTBN	First Tulsa Bancorp Inc	757	38½	21½	21½	38	— 43.4
FUNC	First Union Corp (M)	35417	29⅝	17⅞	26⅛	23¾	+ 10.0
FBFW	First United Bancorp (M)	18347	51⅜	27¾	44	31½	+ 39.6
FIUN	First United Inc	1664	2¾	1	1⅛	2¾	— 59.0
FIVC	First Valley Corp	233	22¼	16	22¼	16½	+ 34.8*
FWES	First Western Financial Corp (M)	27420	6½	2⅞	5½	5⅜	+ 2.3
FBAN	First Bancorp Inc (M)	2487	32½	21	31½	30	+ 5.0†
FCRFQ	Fisher Oil & Gas Corp	2476	4⅛	1/16	⅛	3⅜	— 96.2
FISNY	Fisons Ltd ADR	2658	7⅜	2⅜	6⅝	2⅞	+ 139.1
FLAG	Flagship Banks Inc			See Page 14			
FLAGP	Flagship Banks Inc Pfd (M)	7904	32¾	26½	29½	29	+ 1.7
FLAH	Flah's Inc	59	3¼	1½	1½	3¼	— 53.8
RIALF	Flair Resources Ltd	2609	3½	⅜	1 3/16	3⅛	— 62.0
FLAM	Flame Industries Inc (M)	14607	9	1⅜	4⅛	8½	— 45.5
FLAR	Flare Inc	21287	3¾	1⅝	2⅜	3¾	— 36.6
FLXS	Flexsteel Industries Inc (M)	9214	22	9¾	20⅜	13¾	+ 48.1
FLEX	Flexweight Corp	3704	1 3/16	1/16	½	1⅛	— 55.5
FLIC	Flickinger (SM) Co Inc (M)	10680	31½	15½	28½	17¼	+ 65.2†
FLYT	Flight Dynamics Inc	32400	6¼	⅜	5⅜	1 1/16	+ 338.0
FIIF	Florafax International Inc (M)	14986	11½	4¼	10⅛	5½	+ 86.3
FLIM	Florida Automotive Marketing Corp	1626	3	⅜	2½	1¼	+ 100.0
FBNC	Florida Coast Banks Inc (M)	2037	13	8⅜	12⅜	10⅜	+ 19.2
FBNCP	Florida Coast Banks Inc Pfd (M)	6365	13	9⅜	12¾	11¼	+ 13.3
FLBK	Florida Commercial Banks Inc (M)	5598	24¾	15¼	24	16¾	+ 43.2†
FCYP	Florida Cypress Gardens Inc (M)	7832	4¼	2⅜	3⅞	2⅞	+ 34.7
FGLS	Florida Glass Industries Inc	84	9	8½	9	9	. . . .
FGLFS	Florida Gulf Realty Trust SBI (M)	3525	9⅜	7¼	9	9	. . . .
FNBF	Florida National Banks (M)	18297	30	22¾	30	24¾	+ 21.2
FPUT	Florida Public Utilities Co	406	22	17⅛	18	18	. . . .
FLWR	Flower Time Inc	9088	9⅜	4	9⅜	5½	+ 77.2*
FLWRU	Flower Time Inc Uts	4860	23	10	23	10	+ 130.0*
FLWRW	Flower Time Inc Wts	1531	3⅞	⅜	3⅞	¾	+ 416.6*
FLUD	Fluid Corp	600	1	⅜	⅞	1	— 12.5
FCBN	Fluorocarbon Co (The) (M)	19348	10⅛	5	8¾	7⅛	+ 22.8
FONR	Fonar Corp			See Page 15			
FDTN	Food Town Stores Inc (M)	14288	29½	10⅜	26¼	12¾	+ 105.8†
FTHLA	Foothill Group Inc Cl A (M)	81107	15	7	7⅛	13¼	— 43.3†
FBTR	For Better Living Inc	169	4⅜	2¼	2⅜	4⅜	— 47.3
FCOA	Foremost Corp of America (M)	18939	41	23¾	39	29¾	+ 31.0
FOIL	Forest Oil Corp (M)	28734	26½	15⅝	19⅝	26½	— 25.9
FOPHY	Fortia (AB) ADR	76075	48¼	16⅛	44⅞	17⅝	+ 154.6
FRNC	Fortune National Corp	1333	4	2¼	3¾	4	— 6.2
FOUR	Forum Group Inc			See Page 15			
FOURU	Forum Group Inc Uts	4263	13⅜	12	13⅜	12⅛	+ 3.8*
FOURZ	Forum Group Inc '85 Wts	1679	2¼	1½	2¼	1¾	+ 28.5*
FOURW	Forum Group Inc '86 Wts	15160	10	2⅛	7⅞	3¾	+ 110.0
FORM	Forum Restaurants Inc	505	2⅜	1⅜	2	1⅜	+ 23.0
FORD	Forward Industries Inc	2061	4½	2	3⅜	2⅛	+ 70.5
FOSL	Fossil Oil & Gas Co	28375	1½	1/16	3/32	1½	— 81.2
FSTRA	Foster (LB) Co Cl A (M)	58351	18	3½	5⅜	14¼	— 62.2
FMED	Foster Medical Corp	33690	14⅜	7½	13¼	13⅛	+ 0.9*
FOUN	Founders Financial Corp (M)	10673	2⅜	2⅛	2½	2 1/16	+ 2.5
FRTH	Fourth Financial Corp (M)	1244	27½	22⅛	27½	26¾	+ 2.8†
FRBC	Franklin Bancorp	17	9⅜	9¼	9⅜	9¼	+ 1.3*
FKCM	Franklin Consolidated Mining Co Inc	29977	3⅛	1	2⅜	2	+ 37.5
FKLN	Franklin Corp (M)	1311	15	9½	13	11	+ 18.1
FELE	Franklin Electric Co Inc (M)	6323	19¼	12¾	17½	18¼	— 4.1
FSIG	Franklin Signal Corp	8215	⅛	1/16	⅛	½	— 50.0
FRASS	Fraser Mortgage Investments SBI (M)	2352	7	4	6½	6¼	+ 4.0
FKHD	Frederick & Herrud Inc (M)	2512	7¼	5¼	5⅞	6½	— 9.5
FREEY	Free State Geduld Mines Ltd ADR	44052	52⅜	13⅞	50¼	30½	+ 64.7
FRDM	Freedom S&L Assn (M)	29051	21¼	6¾	21¾	9¼	+ 135.1
FPE	Fremont Energy Corp	21016	1⅜	¼	1/16	1⅜	— 61.1
FEI	Fremont General Corp (M)	86843	15⅞	5⅛	10½	14	— 25.0†
FPI	Frequency Control Products Inc (M)	9615	4⅜	2¼	3½	3½	. . . .
FRIT	Fritzi of Calif Mfg Corp	285	11½	8½	8½	11	— 22.7
FROG	Frontier Energy Corp	43646	2½	⅝	1⅛	1⅛	. . . .
FRNT	Frontier Savings Assn (M)	6312	2½	1¼	2¼	2	+ 12.5
FRSL	Frost & Sullivan Inc	1571	3½	2¾	3¼	3¼	. . . .
FEXP	Frozen Food Express Industries Inc (M)	3849	19¾	7½	16¾	7¾	+ 116.1
FUJIY	Fuji Photo Film Co ADR	188230	16⅜	8⅜	16⅜	10⅜	+ 56.4†
FULL	Fuller (HB) Co			See Page 15			
FNET	Funds Net Inc	28105	7⅜	2⅜	7	7¼	— 3.4
FNTM	Funtime Inc (M)	1601	5¼	3¾	3¾	5	— 25.0†
GKSR	G & K Services Inc (M)	3412	14	7¼	12⅜	9¼	+ 37.8
GACTZ	GAC Liquidating Trust UBI	2766	4½	3⅛	3½	3⅜	— 9.6
GBCC	GBC Closed Circuit TV Corp	24590	2	½	1¼	¾	+ 66.6
RITZ	GD Ritzy's Inc	4529	16½	12½	15⅜	16	— 1.5*
GDVI	GDV Inc	972	21	17	19⅜	18	+ 9.7
GRMI	GRM Industries Inc	145	2	1½	1⅝	1½	+ 8.3
GTICU	GTI Corp Uts	1254	11½	6	10¼	7½	+ 36.6
GTICW	GTI Corp Wts	3554	1⅞	⅜	1¾	⅝	+ 180.0*
GTSC	GTS Corp (M)	7952	8⅜	2¾	3½	8⅜	— 59.4
GAME	Game-A-Tron Corp	74827	3/16	⅛	1/32	7/16	— 21.4
GAMXQ	Gamex Industries Inc	11149	2⅜	1/16	⅛	2¼	— 94.4
GAMA	Gamma Biologicals Inc (M)	7431	12¾	3⅜	9½	4⅜	+ 117.1†
GANDF	Gandalf Technologies Inc (M)	41841	22⅜	10¼	17⅛	14⅜	+ 15.1
GMEX	Garcia's of Scottsdale Inc (M)	69189	12⅜	5⅜	6⅝	7¼	— 8.6
GETC	Gemtec Corp	478	2¼	2	2¼	2	+ 12.5
GENE	Genentech Inc			See Page 15			
GAC	General Aircraft Corp	5047	1¼	⅛	⅜	1	— 62.5
GENA	General Automation Inc (M)	35688	6⅜	3	5⅞	6⅜	— 11.3
GBND	General Binding Corp (M)	8163	13	8½	10	13	— 23.0
GDIC	General Devices Inc (M)	12899	3⅜	1½	2⅜	2½	— 5.0
GDICW	General Devices Inc Wts	608	1	⅛	1/16	1	— 75.0
GNLE	General Energy Corp (M)	38560	36¼	9¾	11⅜	36¼	— 67.9
GNENF	General Energy Corp	1414	⅜	1/16	⅛	⅜	— 80.0
GENG	General Genetics Corp	2519	5	3⅜	3¾	4⅜	— 14.2*
GHYD	General Hydrocarbons Inc (M)	36581	4⅜	1⅜	1⅜	4⅜	— 62.8
GMCC	General Magna Plate Corp	2023	14	6¼	10	12½	— 20.0
GMIC	General Microwave Corp	2631	9½	4	8½	6½	+ 30.7
GPHY	General Physics Corp	3576	16	14¼	16	15½	+ 3.2*
GPCO	General Production Co	3320	6	2⅜	2⅜	6	— 54.1*
GRELS	General Real Estate SBI	381	18⅜	13½	15½	16	— 3.1
GSHL	General Shale Products Corp (M)	5349	9¾	6¼	9	8⅜	+ 1.4†
GTELO	General Tel Cal 4.5 Pfd (M)	592	7¼	5¼	7¼	5¼	+ 38.0
GTELN	General Tel Cal 5 Pfd (M)	2548	8⅜	6⅛	8¼	6¼	+ 32.0
GTELP	General Tel Cal 5.6 Pfd	1195	7½	5½	7¼	5½	+ 31.8
GTCI	General Terminal Corp	3216	1¼	⅛	⅛	⅞	— 42.8
GENBB	Genesee Brewing Co Cl B (M)	1387	25½	14	22½	18½	+ 21.6
GEEN	Genetic Engineering Inc	15944	7	2⅜	6⅞	5⅛	+ 34.1
GEENU	Genetic Engineering Inc Uts	1076	9½	3½	9½	7	+ 35.7
GEENW	Genetic Engineering Inc Wts	13052	3	⅜	2⅛	2¼	+ 35.2
GENL	Genetic Labs Inc	13918	6¼	2¼	5	3 1/16	+ 45.4*
GENS	Genetic Systems Corp	114171	8½	2¼	8½	3¼	+ 172.0
GENSU	Genetic Systems Corp Uts	9315	51½	8⅛	51	12¼	+ 316.3
GENSW	Genetic Systems Corp '83 Wts	68563	9¼	1/16	9¼	1 1/16	+ 886.6
GENSZ	Genetic Systems Corp '84 Wts	4609	4¼	2⅜	4¼	2¼	+ 88.8*
GCGI	Geneve Capital Group	1333	19¼	11⅛	18½	11⅛	+ 60.8
GNEX	Genex Corp	34326	13¼	7	12⅞	9½	+ 35.5*
GNVA	Genova Inc	3685	5¼	1⅞	4⅞	2⅝	+ 85.7
GNTX	Gentex Corp	53825	3	⅜	2⅝	3	— 12.5
GEOD	Geodyne Resources Inc (M)	5026	3¼	⅜	⅜	3¼	— 76.9
GEODU	Geodyne Resources Inc Uts	2175	3¾	⅛	⅜	3¾	— 80.0
GEOK	Geokinetics Inc (M)	2009	7	2¾	3⅜	6½	— 42.3
GFSI	Geophysical Field Surveys Inc	10915	9½	3¼	4	9¾	— 58.9
GSCO	Geophysical Systems Corp (M)	41520	24¼	⅜	1 1/16	24¼	— 95.6†
GEOI	Georesources Inc (M)	11894	3⅜	1⅜	2	3¾	— 46.6
GWSH	George Washington Corp (M)	9824	5¼	3¾	4	3⅞	+ 3.2

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
GBFH	Georgia Bonded Fibers Inc	1983	7¾	2⅛	7	2¼	+ 211.1†
GEOS	Geos Corp (The)	413	1⅜	⅝	⅝	¾	— 16.6
GETE	Geotel Inc	7708	3¼	1	2⅜	1⅞	+ 46.6
GSTI	Gerber Systems Tech Inc	5006	8	2¼	4¼	5¼	— 19.0
GEMC	Geriatric & Medical Centers Inc (M)	6956	6½	2¼	6¼	2¼	+ 177.7†
GMFD	Germania Federal S&L Assn (M)	4407	7	3⅛	6¾	3⅛	+ 92.8
GIBX	Gibraltar Exploration Ltd (M)	26339	1⅜	1/16	3/32	1 9/16	— 90.0
GSTX	Gibraltar Savings Assn (M)	18466	14¾	6⅝	12	13	— 7.6
GIBS	Gibson (CR) Co	1000	10½	6½	10	8¼	+ 21.2†
GIBH	Gibson-Homans Co (The)	1091	14½	9	11	13	— 15.3
GILBA	Gilbert Assoc Inc Cl A (M)	12706	30	22¼	25¼	29	— 12.9
GIRA	Girard Co (The) (M)	49929	46½	24½	42¼	29	+ 45.6
GISHC	Gish Biomedical Inc	1717	4⅜	1¼	4⅜	1¼	+ 250.0*
GISWC	Gish Biomedical Inc Wts	1158	1⅜	¼	1⅜	¼	+ 600.0*
GLXOY	Glaxo Holdings PLC ADR	107311	24⅞	7⅝	20⅜	7 15/16	+ 156.6
GFAL	Glens Falls National Bank	309	23	18	23	19	+ 21.0
GNRLF	Global Natural Resources PLC (M)	81934	15	6⅝	8⅛	10⅝	— 25.2
GPIX	Globuscope Inc	2020	4⅛	⅝	4¼	¾	+ 466.6
GPIXU	Globuscope Inc Uts	5898	7¼	¾	7¼	1⅜	+ 427.2
GPIXW	Globuscope Inc Wts	1992	2⅝	1/16	2⅛	¼	+ 900.0
GFPZ	Godfather's Pizza Inc			See Page 14			
GDFY	Godfrey Co (M)	4044	15¼	10¼	13⅝	11	+ 23.8
GCEI	Gold C Enterprises Inc	131243	3/16	1/16	3/32	3/32	+ 66.6*
GLDFY	Gold Fields of So Africa ADR	4570	92	31½	89⅝	73½	+ 22.1
GOLC	Gold Ore Ltd of Cripple Creek	50072	3/32	1/32	1/32	3/32	— 80.0
GOLCU	Gold Ore Ltd of Cripple Creek Uts	59013	3/32	1/32	1/32	3/32	— 80.0
GIAKF	Goldale Investors Ltd	675	4⅜	2¼	2⅜	4	— 40.6*
GLDBF	Goldbelt Mines Inc	775	2⅛	⅛	⅜	2⅛	— 70.5
GCYC	Golden Cycle Corp (The) (M)	5585	10	3½	9½	5⅝	+ 65.2
GLDC	Golden Enterprises Inc	5697	17⅛	13	16⅛	14¼	+ 14.0
GNNUW	Golden Nugget Inc Wts	1663	14	8	9	10½	— 14.2
GOCO	Golden Oil Co	25486	1⅜	1/16	1	1 9/16	— 36.0
GTRO	Golden Triangle Royalty & Oil Inc	50822	1⅜	1/16	1/32	1¼	— 52.5
GLDVU	Goldfield Corp Uts	367	2	1	2	1¼	+ 60.0
GLDVZ	Goldfield Corp '85 Uts	1080	1⅞	⅞	1⅜	1¼	+ 40.0
GDMS	Goldfield Deep Mines of Nevada	2438	1 1/16	9/16	1 1/16	⅞	+ 116.6*
GWNRF	Goldwinn Resources Ltd	4280	1⅝	¼	9/16	1⅛	— 62.5
TACO	Good Taco Corp	1085	5	⅛	3⅜	3⅜	
TACOU	Good Taco Corp uts	483	6	¾	3⅜	4½	— 16.6
TACOW	Good Taco Corp Wts	441	1	⅛	¼	½	— 50.0
GWOX	Goodheart-Willcox Co	171	8¾	6	8½	8½	
GOOD	Goody Products Inc (M)	4446	23½	13½	19¾	15½	+ 27.4
GOTLF	Gotaas-Larsen Shipping Corp	103835	5⅜	2⅜	3⅜	4⅜	— 18.9
GOTT	Gott Corp	7673	17	11¾	15⅜	13	+ 21.1*
GULD	Goulds Pumps Inc			See Page 15			
GULDG	Goulds Pumps Inc Dbs	231	99	74	92	92	
GEFI	Govt Employees Financial Corp (M)	1029	14½	7⅜	14½	10	+ 45.0
GEFIP	Govt Employees Financial Corp Pfd	529	16½	8¾	16½	12¼	+ 32.6
GEICW	Govt Employees Insurance Wts	7162	43½	6	38	12	+ 216.6
GRAC	Graco Inc (M)	3428	17⅜	11½	14	15½	— 9.6
GLICF	Grandma Lee's Inc	73857	13⅜	1¾	4¼	12½	— 67.0
GTRE	Grantree Corp (M)	18370	9⅛	4⅛	8⅜	4¼	+ 97.0
GSCC	Graphic Scanning Corp			See Page 14			
GCOM	Gray Communication Systems Inc	264	44½	34	44	40½	+ 8.6
GRAYU	Grayhill Exploration Uts	260811	3/32	1/32	1/32	3/32	— 80.0*
GMHUC	Grease Monkey Holding Corp Uts	36627	3/32	1/32	1/32	1/16	— 50.0
GRTB	Great American Bancorp (M)	3762	7⅛	3½	3⅝	7¼	— 48.2
GABI	Great American Banks Inc (M)	12809	1⅜	6½	16	6¾	+ 137.0
GTAM	Great American Corp (M)	4744	1⅜	12¾	14½	14	+ 3.5
GAMI	Great American Management & Investment Inc (M)	20572	⅝	5⅜	7½	7⅜	— 1.6
GAMR	Great American Resources Inc (M)	7713	3⅜	⅛	1	3⅝	— 72.4
GAMRU	Great American Resources Inc Uts	1066	3¼	⅛	1	3¼	— 73.3
GAMRW	Great American Resources Inc Wts	2561	9/16	⅛	1/16	¼	— 50.0
GREN	Great Eastern Energy and Development Corp (M)	6456	10	2¾	3½	9¼	— 66.2
GOAA	Great Outdoor American Adventure Inc (The)	4470	8¼	1⅜	8⅛	3⅞	+ 109.6
GSIC	Great Southwest Industries Corp (M)	8384	7	2¼	3	7	— 57.1
GBAYA	Greate Bay Casino Corp Cl A (M)	17670	17½	5½	14⅜	5⅜	+ 156.5
GHER	Greater Heritage Corp	808	7	4⅜	5¼	6½	— 19.2
GJBC	Greater Jersey Bancorp (M)	4213	31	15¾	31	20	+ 55.0
GWII	Greater Washington Investors Inc	3449	4¼	1¼	4¼	1⅝	+ 161.5
GXLXF	Greenwood Exploration Ltd	1628	9/16	⅛	⅛	9/16	— 77.7
GRRL	Greenwood Resources Ltd	16888	2⅜	¾	1¼	3	— 58.3
GREY	Grey Advertising Inc	915	75	57	74½	66½	+ 12.0
GRIF	Griffin Technology Inc	1112	18	2¾	18	3	+ 500.0
GROF	Groff Industries Inc	143	6¾	5¾	6½	6½	
GROM	Groman Corp	610	2	1¼	2	1¾	+ 14.2
GRVXF	Grove Exploration Ltd	6328	4¼	⅜	⅜	4¼	— 90.9
GFCC	Guarantee Financial Corp (M)	7524	14½	6¼	12¾	10	+ 27.5
GTCM	Guaranty Commerce Corp	352	23	16½	23	16½	+ 39.3*
GNIC	Guaranty National Corp (M)	15766	12¾	5	7¼	11	— 35.2
GPCK	Guardian Packaging Corp (M)	886	12	9¼	10½	10¾	— 2.3
GFEC	Gulf Energy Corp	84150	9/16	9/16	1¼	1/32	— 52.9
GULF	Gulf Energy & Development Corp (M)	17688	10⅛	4⅞	8⅛	9⅛	— 10.9†
GITR	Gulf Interstate Co (M)	7441	17⅛	7¾	9	16½	— 45.4
GNUC	Gulf Nuclear Inc (M)	23365	10⅝	3½	5⅜	10	— 42.5
GYRO	Gyrodyne Co of America Inc	573	7	6¾	6⅞	6¾	+ 1.8
HHOT	H & H Oil Tool Co Inc (M)	16860	14¼	3⅜	5¼	14	— 62.5
HBOC	HBO & Co			See Page 15			
HCCI	HCC Industries (M)	13733	14	4⅞	10⅞	5⅜	+ 89.1
HEII	HEI Inc (M)	6001	8⅜	3⅜	8⅛	4⅜	+ 78.3†
HGIC	HGIC Corp (M)	2864	5⅜	3¼	4½	5¾	— 21.7
HLHP	HLH Petroleum Corp (M)	19172	3½	⅞	⅞	3½	— 75.0
HRIAF	HRS Industries Cl A	489	2½	1⅜	2⅜	1⅜	+ 46.1*
HRIBF	HRS Industries Cl B	5	¾	½	½	½	
HABE	Haber Inc	10432	20¾	6¾	7⅛	12¼	— 35.7
HACH	Hach Co (M)	831	14	10¼	14	10¾	+ 30.2†
HDRN	Hadron Inc	51595	3	1⅜	2 5/16	2⅜	— 11.9
HADS	Hadson Petroleum Corp			See Page 14			
HAEM	Haemonetics Corp (M)	15262	23	12	15	20	— 25.0
HRSIU	Hal Roach Studios Inc Uts	6537	6¼	1⅜	6	4⅞	+ 23.0*
HALEF	Hale Resources Ltd	5199	⅛	1/16	3/32	⅛	— 50.0
HLMI	Halmi (Robert) Inc	98400	5/16	⅜	⅜	21/32	+ 4.3
HAMB	Hamburger Hamlets Inc	568	8½	5	6	6¼	— 4.0
HAML	Hamilton Bros Petroleum Corp (M)	33130	22	8¾	9⅜	21½	— 56.8
HAMLP	Hamilton Bros Petroleum Corp Pfd (M)	2684	18	12	14	18	— 22.2
HDIG	Hamilton Digital Controls Inc	2652	3¼	1	2⅜	1½	+ 91.6
HAMTS	Hamilton Investment Trust SBI (M)	7427	7¼	4⅛	7	5	+ 40.0
HAMTZ	Hamilton Investment Trust Uts	100	7	4	7	4⅝	+ 51.3
HINS	Hanover Insurance Co (M)	11934	36½	24	34	32½	+ 4.6
HAWK	Hardwicke Companies Inc	1787	4½	1	1	2⅜	— 61.9
HOGI	Harken Oil & Gas Inc (M)	41981	8⅜	1¼	2¼	7⅜	— 70.9
HROW	Harper & Row Publishers Inc (M)	7014	12⅞	7⅜	12⅜	11¾	+ 5.3
HARG	Harper Group (The) (M)	19416	35	21	29¾	35	— 15.0
HAPI	Harris & Paulson Inc	4857	8½	4⅞	7⅞	5⅛	+ 53.6*
HRTX	Hart Exploration & Production Co	54535	3 1/16	⅝	1¼	3⅞	— 67.7
HNAT	Hartford National Corp (M)	40033	30⅛	18⅛	27⅛	21¾	+ 24.7
HBOL	Hartford Steam Boiler Inspection & Ins Co Inc (M)	5338	43½	31½	38½	43¼	— 10.9
HTENY	Hartogen Energy Ltd ADR	551	2 1/16	1½	1½	1⅝	— 7.6*
HAVA	Harvard Industries Inc	288	10½	9½	10½	10½	
HIND	Harvest Industries Inc	273	3⅜	3⅜	3⅜	3⅜	
HRWD	Harwood Companies Inc	975	1⅜	1¼	1⅜	1⅜	— 7.6
HAIC	Harwyn Industries Corp (M)	14874	7⅛	3⅜	5⅜	7⅜	— 23.7
HATH	Hathaway Corp	3678	14⅜	3⅞	11⅜	3⅞	+ 203.2†
HASR	Hauserman Inc (M)	4211	19	12⅜	14¼	12⅜	+ 15.1†
HAVT	Haverty Furniture Cos Inc (M)	1448	26½	10½	26	12⅜	+ 105.9†
HAKB	Hawkeye Bancorp (M)	6104	16½	13	16⅜	16½	— 0.7†
HWKN	Hawkins Chemical Inc	713	4½	2⅜	4¼	2⅜	+ 61.9†
HTHR	Hawthorne Financial Corp	422	13½	9	13½	10½	+ 28.5
HCFDS	Health Care Fund SBI (M)	3835	13½	10½	13⅜	11½	+ 16.3
HCRX	Health Care and Retirement Corp of America (M)	14049	11½	5¼	11	9	+ 22.2
HISI	Health Information Systems Inc (M)	10286	19⅜	4⅜	19¼	5⅞	+ 227.6†
HDYN	Healthdyne Inc			See Page 15			
HECH	Heckinger Co (M)	18735	38½	12¼	35½	13⅞	+ 155.8†
HFIN	Heights Finance Corp	615	11¼	4¼	10¼	4½	+ 127.7
HMEY	Heilig-Meyers Co (M)	7325	20½	7¼	19¼	9	+ 113.8
CHHC	Heist (CH) Corp (M)	850	7	4¼	4¼	6¾	— 37.0
HELE	Helen of Troy Corp	6123	10½	2½	10¼	5	+ 105.0
HILX	Helionetics Inc (M)	12251	7½	3⅜	7⅜	5½	+ 34.0
HILXU	Helionetics Inc Uts	2535	8¼	3⅜	7½	6½	+ 15.3
HILOU	Helionetics Inc Uts	1897	10⅜	7	9½	7	+ 35.7*
HILZV	Helionetics Inc Wts	658	3½	1⅜	2⅜	2	+ 37.5*
HILXW	Helionetics Inc '83 Wts	7354	1⅜	⅛	3/16	1¼	— 85.0
HELX	Helix Technology Inc	919	13¾	9½	13	10¼	+ 26.8
HMSLF	Hemerdon Mining & Smelting Ltd	1111	1	½	¼	1	— 75.0
HSDMF	Hemisphere Development Corp	9200	3⅜	1/16	¾	2¾	— 72.7
HEMEA	Hemokinetics Inc Cl A	58770	1/32	1/16	⅜	⅛	+ 200.0
HEMO	Hemotec Inc (M)	9198	8½	3¾	6¾	5¼	+ 28.5†
HEND	Henderson Petroleum Corp (M)	32875	2⅜	⅜	1¼	2⅜	— 57.1
HDON	Henredon Furniture Indus Inc (M)	16537	47¼	20¾	41½	28	+ 48.2
HNRY	Henry Energy Corp	55581	1/16	1/16	3/32	½	— 56.2
HRTB	Heritage Bancorp (Cal) (M)	12050	10½	2¾	3	8¾	— 65.7†
HRTG	Heritage Bancorporation (NJ) (M)	8263	18¾	12⅜	18¼	15⅜	+ 18.6
HFHC	Heritage Financial Corp	2826	4⅜	¾	2⅜	1½	+ 75.0
HWIS	Heritage Wisconsin	452	18	13	13	18	— 27.7
HRLY	Herley Industries Inc	301	4⅜	1½	4⅜	2⅛	+ 123.5
HETC	Hetra Computer Communication Industries Inc	506	5¼	4½	4½	4½	
HCORF	Hi-Cor Resources Ltd	295	2	¼	⅜	1¼	— 40.0
HIPT	Hi-Port Industries Inc	1168	4	2	3½	2½	+ 40.0
HIBCA	Hibernia Corp Cl A (M)	7531	26	16	23¼	26	— 10.5†
HFUR	Hickory Furniture Co	748	9½	7¼	8	9¼	— 13.5
HIGB	Higbee Co (The) (M)	4466	21	18	19	18¼	+ 4.1
HSVLY	Highveld Steel & Vanadium Corp ADR	27671	4 1/16	2 1/16	3⅜	4	— 15.6
HIWDF	Highwood Resources Ltd	4682	2½	⅞	1⅝	1⅜	+ 18.1*
HIMVF	Himac Resources Ltd	8270	1½	½	½	1½	— 66.6
HNDIP	Hinderliter Industries Inc Pfd	646	2¾	1⅜	1⅜	2¾	— 36.3*
HNDIW	Hinderliter Industries Inc Wts	301	½	¼	½	⅜	+ 33.3*
HINE	Hines (Edward) Lumber Co (M)	2205	20	13	15½	15¾	— 1.5
HLOT	Hingeline-Overthrust Oil & Gas Co	43038	29/32	9/16	9/32	29/32	— 64.0
HITAZ	Hitachi Ltd Cv Dbs	1349	160¼	96½	160	132½	+ 20.7†
HITT	Hittman Corp (M)	6248	12½	1⅜	2¾	9	— 69.4
HOAN	Hoan Products Ltd	1887	3⅜	1½	2½	2⅜	+ 5.2
HOEC	Hoe & Co (R) Inc (M)	1818	3½	1	1¼	3½	— 60.0
HOGN	Hogan Systems Inc	13601	29¼	24½	27⅜	24½	+ 13.2*
HLLY	Holly's Inc	873	9¼	6½	8¾	7	+ 25.0
HTRFZ	Hollywood Park Inc (M)	3622	30½	16½	26	20	+ 30.0†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
HLME	Holmes (DH) Co Ltd (M)	1056	32½	19¼	26½	22⅝	+ 16.4
HOLO	Holobeam Inc	832	2⅝	2⅛	2⅛	2 9/16	— 8.1
HOMC	Homac Inc (M)	4568	1⅞	1	1⅜	1⅜	. . . .
HOMCU	Homac Inc Uts	125	1⅜	1	1⅜	1⅜	. . . .
HBENB	Home Beneficial Corp Cl B (M)	2686	34	19½	34	20	+ 70.0
HOMD	Home Depot Inc (The)			See Page 15			
HOME	Home Federal S&L Assn of Palm Beach (M)	13717	26	15⅛	25⅝	17½	+ 47.1
HMFD	Home Federal S&L Assn of Meridian	1378	7	4¼	7	4¾	+ 47.3
HHCA	Home Health Care of America Inc			See Page 15			
HOMF	Homestead Financial Corp (M)	5823	18½	3½	15½	5¼	+ 195.2
HONI	Hon Industries Inc (M)	11671	24½	12	23½	18¼	+ 28.7
HOOK	Hook Drugs Inc (M)	8573	27¼	16¼	24	18½	+ 29.7
HOOV	Hoover Co (The)			See Page 15			
HZONP	Horizon Rancorp Pfd	9	N/A	N/A	38	42	— 9.5
HTEC	Horizon Technology Inc	72512	3/32	1/32	1/16	3/32	— 33.3
HRES	Horizons Research Inc	2312	4¾	2¼	3	3¼	— 7.6
HOSS	Hornbeck Offshore Services Inc	4914	3⅜	1½	1⅜	3⅜	— 48.1
HTCO	Hospital Trust Corp (M)	6735	35	22	28½	30	— 5.0
HIAI	Housing Industries of Amer Inc	34171	15/32	3/32	7/16	¼	+ 75.0
HOBK	Howard Bank (The) (M)	416	16¾	10⅞	16¾	10⅛	+ 65.4†
HUBC	Hubco Inc (M)	1496	10½	6¼	9	7	+ 28.5
HUGH	Hughes Supply Inc (M)	6582	29	15¼	27½	17	+ 61.7
HUPH	Humphrey Inc	1050	16¾	10½	16¼	11	+ 47.7
HTIG	Hungry Tiger Inc (M)	23724	9½	4	9¼	5	+ 85.0†
HBAN	Huntington Bancshares Inc (M)	8856	28½	18	25	24⅝	+ 1.5†
HURC	Hurco Manufacturing Co Inc (M)	6857	15¾	12	14¼	14¼	. . . .
HYBR	Hybritech Inc (M)	33555	28	9⅜	24½	10¾	+ 127.9
HYDE	Hyde Athletic Industries Inc	1988	41	22½	31½	23	+ 36.9*
HYDI	Hydromer Inc	8431	9¼	6¼	9	6¼	+ 44.0*
HYST	Hyster Co			See Page 15			
HYTK	Hytek International Corp	5803	1⅞	¼	1 9/16	⅝	+ 150.0
ICOT	ICOT Corp (M)	79316	9 11/16	2⅝	8 5/16	3⅛	+ 162.0
IDBBY	IDB Bankholding Corp Ltd ADR	1996	1⅛	¾	1	⅞	+ 14.2†
IDBBZ	IDB Bankholding Corp Ltd ADR Pfd	128	27½	20	27¼	21¼	+ 28.2
IEMSY	IEM SA ADR	378	1⅞	⅛	⅛	1⅞	— 93.3
IMME	IMM Energy Services & Technology Inc	5156	12¼	1	2	12⅜	— 83.8†
IMSI	IMS International Inc			See Page 14			
IPLSA	IPL Systems Inc Cl A (M)	21188	9	4½	5½	7¾	— 29.0
IREF	IRE Financial Corp	10386	3½	1	2⅜	3⅜	— 18.5
IRTC	IRT Corp	1334	4¾	2½	3¾	3½	+ 7.1
IRTR	IRT Realty Services Inc	5265	⅞	½	1 1/16	¾	— 8.3
ISCS	ISC Systems Corp			See Page 14			
IDLE	Idle Wild Foods Inc	5482	27½	18½	23	27	— 14.8
IKEL	Ike Lovelady Inc (M)	20874	15	2⅝	4	6¼	— 36.0
ILLI	Illinois Industries Inc	1278	2	⅜	⅜	1⅜	— 57.1*
IMGFC	Imaginamics Inc	5500	2⅞	1⅛	1⅛	2⅛	— 47.0
IMUFC	Imaginamics Inc Uts	5809	3	1¼	1⅜	2⅛	— 35.2
IMAR	Imark Industries Inc	1319	5	3⅞	4¼	3⅞	+ 9.6†
INUC	Immuno Nuclear Corp (M)	17135	15¾	6	10	15¼	— 33.8†
IGEN	ImmunoGenetics Inc	29038	2 11/16	⅝	2 7/16	1¼	+ 95.0
IMPT	Impact Energy Inc	88944	3/16	1/16	⅛	⅛	. . . .
IMPL	Impell Corp (M)	32799	40	14½	26	39½	— 34.1
IBAN	Imperial Bancorp (M)	9844	21⅞	7¼	8¾	21⅞	— 60.0†
IMPN	Imperial Energy Corp	62550	3/32	1/32	1/32	3/32	— 66.6
IMPE	Imperial Petroleum Inc	6618	13/16	1/4	5/16	13/16	— 61.5
INCRF	Inca Resources Inc	4196	3⅛	2⅛	3⅛	2⅛	+ 47.0
INLWF	Inco Ltd Wts	15913	3 15/16	2 5/16	3 15/16	2⅝	+ 60.5*
IBGI	Independence Bank Group Inc (M)	826	22	16½	22	16½	+ 33.3
INHO	Independence Holding Co	8796	8½	5½	7	5⅝	+ 24.4*
ISIS	Independence Square Income Securities Inc (M)	3801	16¾	12½	15½	12¾	+ 21.5
IBCX	Independent Bankshares Corp (M)	4263	15¼	10¾	14¼	12½	+ 14.0
IBSI	Independent Bankshares Inc	2041	15¼	10¾	11¼	14½	— 22.4†
INDHK	Independent Insurance Group Inc (M)	9876	21½	15½	20⅜	19	+ 7.2
ILIP	Independent Liberty Life Ins	3449	1½	3/16	¼	1	— 75.0
IHBI	Indian Head Banks Inc	1993	27½	14	27	15	+ 80.0*
IFII	Indiana Financial Investors Inc (M)	4194	3	2⅛	2⅝	2⅝	+ 9.5
INAT	Indiana National Corp (M)	13869	21⅝	13⅜	17¼	21⅝	— 20.2
IWTR	Indianapolis Water Co (M)	2637	27⅜	20½	27¼	21	+ 29.1
IEHC	Industrial Electric Hardware Corp (M)	10293	4⅛	1¾	3⅜	3⅛	+ 16.0
INDR	Industrial Resources Inc (M)	33838	2 9/16	1 5/16	1⅝	2¼	— 27.7
ISSC	Industrial Solid State Controls Inc (M)	4187	10¼	3½	4¾	10	— 52.5
IBKT	Industrial Valley Bk & Tr Co (M)	5843	22¼	16	21¼	19½	+ 8.9
INFD	Infodata Systems Inc	5542	22¼	7⅛	19	8½	+ 123.5*
IDPY	Information Displays Inc (M)	37956	17⅛	5¼	16½	7	+ 135.7
IINT	Information International Inc (M)	18475	22¾	9½	19¾	10¼	+ 92.6
INFN	Infotron Systems Corp (M)	29091	29¾	7¼	27¾	13½	+ 105.5
INFR	Infrared Industries Inc (M)	4291	10	6¼	8¼	7	+ 17.8
INTO	Initio Inc	3744	5⅝	2½	4⅝	4½	+ 8.8
INVAC	Innovative Technology Inc	70836	3/16	1/32	1/32	3/32	— 66.6
IPUT	Input Business Machines Inc	11370	4¼	1⅝	3¾	2⅝	+ 42.8
INEI	Insituform East Inc	4100	13½	5¾	13½	10	+ 35.0
INSUA	Instituform of North America Inc Cl A	24199	5½	1⅛	5⅛	1¾	+ 192.8
INSUU	Instituform of North America Inc Uts	14488	8¾	1⅜	8¾	2¼	+ 288.8
INSUW	Instituform of North America Inc Wts	40381	3½	⅛	3½	9/16	+ 1020.0
ICOM	Instacom Inc (M)	15899	14	5¾	13⅞	10¼	+ 35.3
ILAB	Instrumentation Lab Inc (M)	17001	24¼	11	19¼	24¼	— 20.6
ISTE	Insyte Corp	1119	3¼	1½	1⅝	2	— 12.5
INTE	Intech Inc	2139	2⅜	1½	2½	1¾	+ 42.8*†
INCM	InteCom Inc			See Page 15			
BRTR	Integrated Barter Intnl Inc	34950	5/32	⅛	5/32	5/32	. . . . *
BRTRU	Integrated Barter Intnl Inc Uts	233778	7/32	⅛	3/16	3/16	. . . . *
BRTRW	Integrated Barter Intnl Inc Wts	5280	1/16	1/32	1/32	1/32	. . . . *
INEL	Integrated Electronics Corp	3454	3⅜	¼	3⅜	¼	+ 1350.0
IMCI	Integrated Microcircuits Inc	14667	3	⅛	⅜	2⅜	— 86.9
INTY	Integrity Financial Group Inc (The) (M)	13957	10¼	5¼	7	10¼	— 31.7
INTC	Intel Corp			See Page 14			
INTCG	Intel Corp Dbs	1455	93	60¼	89¾	65¼	+ 37.5
ITPX	Inteleplex Corp	19222	3¼	1½	2	2½	— 20.0
ITPXU	Inteleplex Corp Uts	8074	4½	2¼	3½	2⅞	+ 8.6
ITPXW	Inteleplex Corp Wts	8923	1½	⅜	⅞	¾	+ 16.6
ICNT	Intelligent Communications Networks Inc	1918	5⅛	1⅛	4¾	1½	+ 216.6
ICNTU	Intelligent Communications Networks Inc Uts	15830	8¼	1½	7	1⅞	+ 273.3
ICNTW	Intelligent Communications Networks Inc Wts	1782	3¼	⅛	1⅞	⅛	+ 1400.0
INTS	Intelligent Systems Corp (M)	27050	30¾	9¾	28¾	22½	+ 27.7
ICSR	Inter-Continental Services Corp	911	1¾	¾	1½	1⅜	+ 9.0
INTL	Inter-Tel Inc			See Page 15			
ISIIA	Interaction Systems Inc Cl A	6074	5½	¾	1½	4½	— 66.6
ISCO	Interactive Systems Corp	229026	7/32	1/16	5/32	7/32	— 28.5
ISBJ	Interchange State Bank	347	13	7½	13	7½	+ 73.3*
IDCC	Intercontinental Diamond Corp	12649	2¼	⅞	1⅛	1⅜	— 30.7
ICDY	Intercontinental Dynamics Corp	1898	7½	4⅜	6	6¼	— 4.0
ICEC	Intercontinental Energy Corp (M)	12702	7	2⅜	3⅜	6½	— 44.8
ICECU	Intercontinental Energy Corp Uts	30	N/A	N/A	3½	6½	— 46.2
ICECW	Intercontinental Energy Corp Wts	1395	2¼	½	½	2¼	— 77.7
ILCO	Intercontinental Life Corp (M)	6527	11	6¼	9¾	6¼	+ 59.1
ICFT	Intercraft Industries Corp	271	15¾	12	13½	15½	— 12.9
IFSC	Interferon Sciences Inc	18153	5¾	2⅜	4	4½	— 3.0
INGR	Intergraph Corp			See Page 14			
ILDCF	Interlake Development Corp	974	2¼	3/16	2⅛	⅞	+ 157.1
INMA	Intermagnetics General Corp			See Page 15			
INMAU	Intermagnetics General Corp Uts	9551	28¼	13½	24½	15	+ 63.3*
INMAW	Intermagnetics General Corp Wts	15400	6⅞	1	5⅜	1⅜	+ 221.4*
INTR	Intermec Corp (M)	32199	28½	5½	25⅜	7⅜	+ 244.0
ITEM	Intermedics Inc			See Page 14			
IMET	Intermetrics Inc	23445	17⅜	6⅜	16⅜	7	+ 141.0*
INTM	Intermountain Exploration Co	2848	1⅜	⅜	⅜	1⅛	— 22.2
INMT	Intermountain Gas Inds Inc (M)	5117	12½	9¼	12½	9½	+ 31.5
IMLB	Intermountain Labs Inc	12865	3⅞	⅜	3⅞	1	+ 287.5
IBKW	International Bank (M)	1538	12⅞	7⅜	9¾	12¼	— 20.4
IBKWA	International Bank Cl A (M)	7189	9	5⅞	8¾	8¼	+ 6.0
ICEYF	International Capital Equipment Ltd (M)	13908	9	3¾	6¾	4¾	+ 42.1
ICTC	International Capital & Technology Corp	5441	2½	⅜	1 1/16	2¼	— 52.7
ICTCW	International Capital & Technology Corp Wts	361	⅜	1/16	1/16	⅜	— 83.3
ICLB	International Clinical Labs Inc (M)	28930	32½	13½	31½	15¾	+ 100.0
ICREF	International Corona Resources Ltd	19601	8	1¼	4¼	7¾	— 45.1
INDQ	International Dairy Queen Inc (M)	6167	25	9¼	21¼	10¼	+ 107.3
IGAM	International Game Technology (M)	64820	17⅞	7⅜	10½	16¼	— 35.3
IIPI	International Income Property Inc (M)	3113	9¼	7¾	9	8¾	+ 2.8
IIMS	International Institute for Medical Sciences	8823	5	1	4¾	2⅜	+ 80.9
IIATC	International Institute of Applied Technology Inc	34227	2⅞	1 1/16	1⅞	2⅜	— 34.7
IKNG	International King's Table Inc (M)	18916	10⅜	1⅜	9⅜	2	+ 393.7
ILHL	International Leisure Hosts Ltd	372	1¼	¾	¾	1¼	— 40.0
IMMC	International Mobile Mach Corp	50981	13¾	2⅜	11⅜	2⅜	+ 308.6
IRIS	International Remote Imaging Systems Inc	118215	5½	⅝	4⅜	1 3/16	+ 247.3
IRDV	International Research & Development Corp (M)	5103	7⅜	3	6¼	4½	+ 38.8
ROBT	International Robomation/ Intelligence	6968	8⅜	4⅜	8	7¼	+ 10.3*
IROC	International Royalty & Oil Co	10435	1⅝	¼	1/32	1⅝	— 78.8
INSH	International Shipholding Corp (M)	2611	8	4¼	4⅜	8	— 40.6
ISTRF	International Standard Resource	3932	1⅜	¼	1/16	1⅜	— 57.6
ISTP	International Stretch Products Inc	2594	½	⅛	⅜	⅛	+ 50.0
ITRC	International Technology Resources Inc	2960	⅝	3/16	1/32	⅝	— 35.0
ITHB	International Thoroughbred Breeders Inc	44193	3⅛	1½	3⅜	2⅜	+ 28.5
ITSI	International Totalizator Sys Inc	15362	5¼	2¼	4⅜	2⅜	+ 100.0
ITSIW	International Totalizator Sys Inc Wts	11067	2½	¾	2⅜	1⅛	+ 111.1
IWWDF	International Westward Development Corp	8668	3⅜	⅛	⅜	3¾	— 90.0†
IPLLF	Interpharm Labs Ltd	11469	6¼	3	4⅜	4⅜	+ 8.5
IPIPF	Interprovincial Pipe Line Ltd (M)	1774	19¾	11⅛	19¼	12⅜	+ 62.8
IFCO	Interstate Financial Corp	168	23	22	23	22	+ 4.5*

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
IMFS	Interstate Motor Freight Systems (M)	16735	4¼	2	3⅜	3½	— 3.5
ITHM	Intertherm Inc (M)	7680	16½	7⅜	16¼	8¼	+ 96.9
INTW	IntraWest Financial Corp (M)	16846	32¼	16⅜	28	32	— 12.5
ICOL	Invesco International Corp	2938	4	½	⅛	2⅜	— 86.6
INVX	Investex Inc	10272	2⅛	1⅛	1 3/16	2	— 40.6
INVXU	Investex Inc Uts	2745	4½	2¼	2½	4⅜	— 42.8
INVXW	Investex Inc Wts	332	⅜	⅛	3/16	¼	— 25.0*
INLF	Investors Heritage Life Ins Co	221	14¼	13½	14	13½	+ 3.7
IINS	Investors Insurance Corp	2269	2 13/16	2	2⅜	2 13/16	— 15.5
IIHC	Investors Insurance Holding Corp	334	11½	9	9	11½	— 21.7
ISLA	Investors S&L Assn	6741	5⅞	1½	4⅝	2⅝	+ 105.2
IOAVF	Iona Industries Inc	2135	1⅜	⅜	1⅛	⅞	+ 28.5
IUTL	Iowa Southern Utilities Co (M)	5820	30¼	20⅝	30¼	21¼	+ 42.3
IRSN	Irvine Sensors Corp	1714	5	3	4⅛	4⅜	— 10.8*
IRSNU	Irvine Sensors Corp Uts	12348	7⅛	3⅜	6½	3½	+ 85.7*
IRSNW	Irvine Sensors Corp Wts	1779	2½	1⅛	2⅛	1⅛	+ 88.8*
IRWKF	Irwin Toy Ltd (Non-voting)	16867	11	4⅜	7½	7¼	+ 3.4*
IRWJF	Irwin Toy Ltd (Voting)	29386	21⅜	5	8⅝	18¼	— 52.0*
ISLY	Isaly Co Inc (The)	4119	3½	1⅜	2⅝	2½	+ 5.0
ISLE	Isle Resources Inc	2587	2¼	1	1¾	2¼	— 22.2*
IOMT	Isomet Corp (M)	1598	9	4	8¼	7½	+ 10.0
IICR	Israel Investors Corp (M)	1026	26	23	25	23¼	+ 7.5
IYCOY	Ito-Yokado Co ADR	533	18⅜	12¼	18	16½	+ 9.0†
JBBB	JB's Restaurants Inc (M)	26119	11⅞	3⅜	10⅞	3¾	+ 190.0
JECL	JEC Lasers Inc	4142	4¼	2⅜	3⅜	3¼	+ 11.5
JLGI	JLG Industries Inc (M)	8384	9¼	4⅝	6	8¾	— 31.4
JMRE	JM Resources Inc	99970	1⅝	9/16	1/32	1⅜	— 75.0†
JMBRS	JMB Realty Trust SBI (M)	1432	24½	19	24½	20½	+ 19.5
JACK	Jackpot Enterprises Inc	4040	5	1½	4⅜	3⅜	+ 29.6
JACKU	Jackpot Enterprises Inc Uts	7165	6	1⅜	4⅝	4¼	+ 15.1
JACKW	Jackpot Enterprises Inc Wts	943	1⅜	⅛	2/16	1¼	— 65.0
JNAL	Jackson National Life Ins Co (M)	37308	49	13¼	41	13½	+ 203.7†
JACO	Jaco Electronics Inc	1347	5½	1⅝	2⅜	4½	— 38.8
JCBS	Jacobson Stores Inc (M)	1407	19⅞	12	19½	14⅜	+ 35.6
JADE	Jade Petroleum Corp	32648	1/32	1/32	1/16	⅛	— 75.0
JWAT	Jamaica Water Prop Inc	10364	14⅜	6⅜	12	9¼	+ 29.7
JAME	Jamesbury Corp (M)	11135	19½	10¼	14	16⅜	— 16.4
JAPNY	Japan Airlines Co Ltd ADR	247	21⅜	16½	20½	21¼	— 4.7†
JAYA	Jayark Corp	4671	1	5/16	⅜	1	— 62.5
JTEX	Jaytex Oil & Gas Co	36227	6½	1⅛	1⅜	6¼	— 73.4
JBNC	Jefferson Bancorp Inc	1690	16¼	10½	16¼	10½	+ 54.7†
JBNK	Jefferson Bankshares Inc (M)	2713	19⅜	12¼	18	13	+ 38.4
JEFF	Jefferson Corp	541	29	17⅜	24½	18½	+ 32.4
JNAT	Jefferson National Life Ins Co (M)	22 2	43	27¼	41	30½	+ 34.4
JWEC	Jefferson-Williams Energy Corp	2934	8	3½	3¾	8	— 53.1
JEGR	Jegeroil Corp	6755	1 1/16	9/32	1/32	⅝	— 45.0
JERR	Jerrico Inc			See Page 14			
JETA	Jet America Airlines Inc	10387	5½	3	3⅝	4½	— 19.4
JETAU	Jet America Airlines Inc Uts	7312	8	3⅜	4⅝	6⅜	— 31.3
JETAW	Jet America Airlines Inc Wts	7811	2⅜	⅜	⅛	1⅜	— 71.4
JIFFQ	Jiffy Foods Corp	1758	⅜	⅛	1/32	⅜	— 65.0
JIFY	Jiffy Industries Inc	77622	17⅜	⅞	16½	1	+ 1550.0†
JHSN	Johnson Electronics Inc	14694	24½	7½	17	11¼	+ 51.1†
JOJO	Jojoba Horizons Inc	43101	5/16	1/16	1/16	3/32	+ 166.6
JOIN	Jones Intercable Inc (M)	14548	6¾	4	5⅛	5⅛	— †
JOINA	Jones Intercable Inc Cl A (M)	12522	7	3⅞	5	5¼	— 2.4†
JOINU	Jones Intercable Inc Uts	4476	8	4¼	5½	6¼	— 12.0†
JOINW	Jones Intercable Inc Wts	7925	1½	⅛	9/16	1 3/16	— 40.0
JNSV	Jones & Vining Inc	1019	4⅞	2¾	3½	4⅞	— 28.2†
JONB	Joni Blair of California Inc	713	2⅜	1⅜	2⅜	1¼	+ 90.0
JSON	Josephson International Inc (M)	9974	17⅜	6¾	14¼	9	+ 58.3
JOSL	Joslyn Manufacturing & Supply Co (M)	12301	31¼	18⅜	28¼	23½	+ 20.2†
JUDY	Judy's Inc (M)	1866	4½	2⅜	4	3⅜	+ 18.5
JURG	Jurgensen's Grocery Co	449	3	2¼	2¾	2¼	+ 22.2
JSTN	Justin Industries Inc (M)	16259	18½	9¾	18½	16¼	+ 13.8
KCRT	KCR Technology Inc	13339	8	2½	6	3⅝	+ 65.5
KLAC	KLA Instruments Corp (M)	8746	40½	14½	38½	18½	+ 108.1
KMSI	KMS Industries Inc	84902	5⅛	1⅜	2⅝	5½	— 48.7
KRMC	KRM Petroleum Corp (M)	6758	9½	4¼	4⅝	9½	— 48.6
KTII	K-Tron International Inc (M)	14489	8¼	4⅜	5½	8	— 31.2
KVPH	KV Pharmaceutical Co	4932	15	5½	13¼	6¾	+ 96.2
KHLR	Kahler Corp	456	34	18	33	27½	+ 20.0
KAIB	Kaibab Industries	155	2⅜	1⅜	2⅜	2¼	+ 5.5
KASRP	Kaiser Steel Corp Pfd	1051	22¼	13	15	16½	— 9.0
KALV	Kalvar Corp (M)	13990	1⅜	1/16	1 1/16	1⅜	— 19.0
KMADF	Kamad Silver Co	1307	1⅜	1/16	1/16	3/16	+ 114.2*
KAMNA	Kaman Corp Cl A (M)	17040	30¼	15⅜	27	18	+ 50.0
KHRMF	Kandahar Resources Inc	26997	2¼	9/16	1 1/16	1⅞	— 43.3
KCLI	Kansas City Life Insurance Co (M)	5631	62	42	57	59½	— 4.2
KAPL	Kaplan Industries Inc	15208	1 1/16	½	1 1/16	½	+ 37.5
KASL	Kasler Corp	29168	22½	9¼	22½	10	+ 121.2*
KTAFQ	Katana Resources Ltd	2541	1⅛	1/16	1/16	1 1/16	— 94.1*
KEAN	Keane Inc	1450	8	4	7⅜	4½	+ 72.2
KERN	Kearney-National Inc (M)	6650	23½	11½	20¼	16	+ 26.5
KEBA	Keba Oil & Gas Co	35951	1 3/16	⅜	1/16	⅜	— 50.0
KEEX	Kee Exploration Inc	137281	3/16	1/16	⅛	3/32	— 20.0
KCPC	Keith Collins Petroleum Corp	14770	2 3/16	3/16	1 1/32	1 1/16	— 79.6
KEJO	Kelly-Johnston Enterprises Inc (M)	34470	24½	9¼	20⅛	10¼	+ 96.3†
KELY	Kelly Services Inc (M)	7249	34	19	31	29⅝	+ 5.5†
KEMC	Kemper Corp			See Page 15			
KENAW	Kenai Corp Wts (M)	3982	4½	½	⅛	4¼	— 88.2
KCOP	Kencope Energy Cos (M)	10860	12⅜	3⅜	3⅞	12¼	— 69.6
KENSQ	Kenilworth Systems Corp	46117	2½	3/16	1⅛	2¼	— 50.0
KDDYF	Kennedy Resources Inc	9405	1/32	⅛	1/32	⅛	+ 112.5
KENN	Kennington Ltd Inc (M)	5665	8¼	6	7⅛	8¼	— 13.6
KENCA	Kentucky Central Life Insurance Co Cl A (M)	19633	21⅜	12	18¼	14¼	+ 28.0
HORS	Kentucky Horse Center Inc (The)	5024	4¼	2⅜	2¼	3⅜	— 40.0
KINV	Kentucky Investors Inc	315	9¼	9	9¼	9	+ 2.7
KETT	Kettering Industries Inc	773	2⅝	1½	2¼	1⅝	+ 38.4
KEVX	Kevex Corp (M)	25638	13¾	7½	10¼	13	— 21.1
KVLM	Kevlin Microwave Corp	1578	8¼	2½	7⅜	3	+ 158.3*†
KEQU	Kewaunee Scientific Equipment Corp (M)	1873	14½	9¾	13¾	12	+ 14.5
KEYB	Key Banks Inc (M)	16524	18	12	15⅜	13½	+ 16.6
KEEIC	Key Energy Enterprises Inc	3405	2½	¼	⅜	1¼	— 64.2
KCMT	Keystone Portland Cement Co	1006	9½	5	7¾	8	— 3.1
KIDD	Kiddie Products Inc	998	22½	15½	22½	17¼	+ 30.4
KBALB	Kimball International Inc Cl B (M)	4298	22⅜	16¼	19½	21¼	— 8.2
KIMB	Kimbark Oil & Gas Co	6359	9½	4¾	5½	9	— 38.8
KNDR	Kinder-Care Learning Centers Inc			See Page 15			
KNDRG	Kinder-Care Learning Centers Inc Dbs (M)	71	186	87	167	88½	+ 88.7
KMNUC	Kinetic Minerals Inc Uts	8209	1 3/16	⅞	1⅜	1 3/16	+ 46.6*
KITL	King International Corp	2336	3	⅞	1⅞	1¼	+ 50.0
KKUL	King Kullen Grocery Co Inc	560	22¾	14¾	22¾	15¼	+ 49.1
KOVI	King of Video Inc	274950	9/32	3/32	3/16	9/32	— 33.3
KOVIU	King of Video Inc Uts	68640	1/32	3/32	3/16	3/16	— 40.0
KNBWY	Kirin Brewery Co Ltd ADR	75	18⅝	13	16⅞	18¼	— 8.1†
KITK	Kit Karson Corp	5794	9/16	3/16	3/16	½	— 62.5*
KLRT	Kleinerts Inc	961	3½	2	2½	3¼	— 23.0*
KLOFY	Kloof Gold Mining Co Ltd ADR	47600	44⅝	16½	42½	30⅞	+ 37.6
KLOS	Kloss Video Corp (M)	5271	12¼	4	7	12	— 41.6
KNAP	Knape & Vogt Mfg Co (M)	1592	18½	13½	17	14½	+ 17.2
KROC	Knight Royalty Corp	74283	2 3/16	9/32	9/32	2¼	— 87.5
KNOBF	Knobby Lake Mines Ltd	1623	⅜	3/16	1	⅜	— 60.0
KNUD	Knudsen Corp (M)	14179	25⅛	10½	25⅛	13¾	+ 82.8
KOSS	Koss Corp (M)	13952	7¼	3	4⅝	6½	— 28.8
KTOS	Kratos Inc (M)	27183	12⅜	5¼	11⅞	9	+ 23.6
KRSL	Kreisler Manufacturing Co	3861	12⅜	3½	10⅜	3¾	+ 186.6*
KROY	Kroy Inc (M)	44933	15⅜	7⅜	14½	14¼	+ 1.7
KRUE	Krueger (WA) Co (M)	24607	20¼	10¼	18¼	11	+ 65.9
KLIC	Kulicke and Soffa Industries Inc (M)	36287	27	10	24¼	12¼	+ 97.9
KUST	Kustom Electronics Inc	2181	3¼	⅛	3¼	⅜	+ 271.4
KYLE	Kyle Technology Corp (M)	15248	10¾	3⅞	4¾	10¾	— 55.8
LCSI	LCS Industries Inc	592	10	5¾	9½	6¾	+ 40.7*
LDBC	LDB Corp (M)	40662	8⅝	2⅜	7⅜	4¼	+ 84.8
LTXX	LTX Corp (M)	22078	25	12¼	22¾	18	+ 26.3*
LAZB	La-Z-Boy Chair Co (M)	10145	20½	10¾	20¼	12¼	+ 65.3
LCNAF	Lacana Mining Corp	8664	6	2⅝	5 1/16	5¼	+ 15.8
LCLD	Laclede Steel Co (M)	4191	10¼	7¼	9⅜	10	— 3.7
LAFY	Lafayette United Corp	353	⅛	1/16	⅛	⅛	— 50.0
LGNA	Laguna Hills Utility Co	148	9½	7½	8½	7¾	+ 9.6
LWSI	Laidlaw Industries Inc	13279	35¼	12¾	31	13	+ 138.4*
LLIC	Lamar Life Corp	106	26	21	21½	24	— 10.4
LANC	Lancaster Colony Corp (M)	15236	24½	11	23¾	15¼	+ 55.7
LNCE	Lance Inc (M)	50831	28½	*5⅜	25¾	15⅞	— 62.2†
LOLS	Land of Lincoln S&L (M)	6450	9⅜	5¼	9	7¼	+ 26.3
LRES	Land Resources Corp (M)	3706	5¾	3½	4⅜	5¼	— 14.6
LNDB	Landmark Bancshares Corp (M)	1764	19⅜	17¼	19½	17½	+ 11.4
LBKF	Landmark Banking Corp of Florida			See Page 14			
LNDKU	Landmark Oil & Gas Ltd Uts	3468	1¼	9/32	9/32	1¼	— 87.5
LANE	Lane Co Inc (The) (M)	7398	59¼	32	57	37¾	+ 50.9
LAND	Lane Wood Inc	4719	5⅜	3¼	4⅜	4¼	+ 8.8
LCOR	Langley Corp	20531	9¼	3¼	7	3¼	+ 124.0
LARS	Larsen Co	2091	37½	11⅜	36¾	11⅜	+ 209.4†
LASR	Laser Precision Corp	2450	11	5	11	6½	+ 69.2
LASE	Laser Scan International Inc	16261	2	1 3/16	1½	1 1/16	— 11.1*
LASEU	Laser Scan International Inc Uts	153	245	160	195	220	— 11.3*
LASEW	Laser Scan International Inc Wts	8062	1 3/16	½	1 3/16	⅝	+ 8.3*
LSRM	Lasermetrics Inc	36945	6 1/16	⅞	5⅜	1⅛	+ 400.0
LAUR	Laurel Entertainment Inc	15260	10	4	4	5	— 20.0
LAVAF	Lava Cap Resources Ltd	7588	4⅛	1	1 3/16	3⅛	— 66.0
LAWH	Lawhon (JF) Furniture Co	3910	9/16	3/16	3/16	⅛	— 37.5
LAWS	Lawson Products Inc (M)	19092	31	18¾	26	29	— 10.3
LEADF	Leader Resources Inc	669	½	⅛	3/16	⅛	— 25.0*
LEDA	Lee Data Corp			See Page 15			
LDYN	Leisure Dynamics Inc (M)	7800	1½	⅝	9/16	1⅛	— 50.0
LROY	Leroy Property & Dev Corp	1569	3 1/32	1¼	2⅜	1½	+ 83.3
LEVN	Levin Computer Corp	5087	2⅜	⅝	1¼	1⅜	— 33.3
LEXI	Lexicon Corp	124005	3⅜	1¼	1½	2⅜	— 31.4
LEXIU	Lexicon Corp Uts	49	3550	1400	1650	2325	— 29.0†
LCON	Lexicon Resources Corp	44363	1 3/16	9/32	3/16	9/16	— 66.6
LEXD	Lexidata Corp (M)	51447	14⅜	6¼	8⅞	14⅜	— 37.1
LIBH	Liberty Homes Inc (M)	21760	19	8½	17⅜	10⅜	+ 65.8
LIBN	Liberty National Corp (M)	12068	25	17¼	18½	23¾	— 22.1
LBTY	Liberty Petroleum Corp	76829	1/16	1/32	1/32	1/16	— 50.0
LNBC	Liberty United	1044	33	24	33	29¼	+ 12.8
LIEB	Liebert Corp			See Page 15			
LIFC	Life Centers Inc	34705	1 1/16	9/32	1/32	⅛	— 93.7
LIFE	Life Imaging Corp	20137	3¾	⅜	3/16	3⅜	— 88.3
LINV	Life Investors Inc			See Page 14			
LFSC	Life Sciences Inc	6279	4	1¼	2¼	3⅛	— 28.0

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
LICO	Lifesurance Corp	1084	10	3	4⅛	9½	— 52.6
LFTM	Lifetime Communities Inc (M)	23596	4 3/16	⅞	3½	1⅛	+ 211.1
LCFS	Lil' Champ Food Stores Inc	266	28	12	28	12½	+ 124.0
LICIA	Lilly Industrial Coatings Inc Cl A (M)	1583	11¾	8⅛	11¼	10½	+ 7.1†
LINP	Lin Broadcasting Corp			See Page 14			
LFIN	Lincoln Financial Corp (M)	259	15	13	13½	15	— 10.0
LFBK	Lincoln First Banks Inc (M)	21472	40	21¾	36	22¼	+ 61.7
LFBKP	Lincoln First Banks Inc Pfd (M)	9914	18¼	9⅜	16	9¾	+ 64.1
LINC	Lincoln Income Life Ins Co (M)	3025	19½	9¾	9¾	13	— 25.0
LNPL	Lincoln Plaza Resources Inc	17010	1 1/16	½	15/16	¾	+ 8.3
LNCRF	Lincoln Resources Inc	20014	2¾	⅝	1 11/16	1½	+ 12.5
LTEC	Lincoln Telecommunications Co (M)	10638	25¼	17¾	24½	21¾	+ 12.6
LNDL	Lindal Cedar Homes Inc	1135	3½	1¼	2¼	1½	+ 50.0
LIND	Lindberg Corp (M)	4867	12	7½	8½	11⅜	— 25.2
LINR	Linear Instruments Corp	7446	1½	⅜	1	⅝	+ 60.0
LINRU	Linear Instruments Corp Uts	3086	3⅛	⅞	2¼	1⅝	+ 38.4
LINRW	Linear Instruments Corp Wts	1768	5/16	1/16	⅛	¼	— 50.0
LIONF	Lion Mines Ltd	3346	⅜	1/16	1/16	5/16	— 80.0
LIPE	Lipe-Rollway Corp	461	8¼	6¼	6¼	6⅜	— 7.4
LIQB	Liqui-Box Corp (M)	1869	13½	7¼	11⅜	7¼	+ 62.0
LANA	Liquid Air Corp (M)	5520	20⅜	14½	18⅜	17½	+ 7.1
LTLE	Little (Arthur D) Inc (M)	1071	22	13½	21	15	+ 40.0
LTLPC	Little Prince Productions Ltd	8569	1⅞	⅛	1⅜	¾	+ 83.3
LIVE	Livestock Financial Corp	18233	¼	1/32	1/32	⅛	— 75.0
LIZC	Liz Claiborne Inc (M)	33072	41¾	15⅞	37½	19½	+ 91.0†
LOCH	Loch Exploration Inc	80689	15/32	5/32	5/32	11/32	— 72.7
LSEIF	Lodestar Energy Inc	7080	1⅜	⅛	13/16	1⅝	— 50.0
LOGE	Logetronics Inc (M)	14497	23	13	13⅜	18	— 23.6
LDGX	Logistix Inc	4162	4⅜	3⅜	4¼	4	+ 6.2*
LOMK	Lomak Petroleum Inc	29726	2 1/16	1¼	1⅞	1 13/16	+ 3.4
LOMKU	Lomak Petroleum Inc Uts	2677	5⅛	3½	4⅝	4½	+ 2.7
LOMKW	Lomak Petroleum Inc Wts	14730	1 1/16	1/16	1/16	⅞	+ 7.1
LFBR	Longview Fibre Co			See Page 15			
LOAVF	Lorcan Resources Ltd	3672	1⅛	3/16	3/16	1 1/16	— 82.3
LORDF	Loredi Resources Ltd	192	1 1/16	3/16	⅜	⅞	— 57.1*
LMAR	Lorimar Productions Inc	9168	18¾	8½	14½	12¼	+ 18.3
LMARW	Lorimar Productions Inc Wts	5037	7¾	2¼	6½	3½	+ 85.7
LARC	Los Alamitos Race Course (M)	829	17	10	13½	10½	+ 28.5
LLOE	Louisiana Land Offshore Exploration Co Inc (M)	13943	7⅜	5¼	6¼	6½	— 3.8
LGASP	Louisville Gas and Elec Co 5 Pfd	1032	10¾	8	10½	8½	+ 23.5
LGASO	Louisville Gas and Elec Co 7.45 Pfd (M)	683	15¾	12¼	15½	13	+ 19.2
LOCO	Love Oil Co Inc	6707	1½	⅝	⅝	1½	— 58.3
LNDEU	Lundy Electronics & Systems Inc Uts	7446	19¼	9	15¼	9⅛	+ 67.1*
LDYEW	Lundy Electronics & Systems Inc '83 Wts	6846	3⅛	⅜	1	1⅜	— 27.2
LNDEW	Lundy Electronics & Systems Inc '85 Wts	6352	5⅛	⅛	3⅜	1	+ 287.5*
LUNN	Lunn Industries Inc	1528	2½	1⅛	2⅛	2	+ 6.2
LUTH	Luther Medical Products Inc	160798	1/32	1/16	1/16	3/32	— 33.3
LYND	Lynden Inc (M)	13438	33	14¼	20¼	31½	— 35.7
LYNX	Lynx Exploration Co	23106	⅛	¼	¼	7/16	— 42.8
LYON	Lyon Metal Products Inc (M)	1781	23	16¾	19¼	18	+ 6.9
LYRC	Lyric Energy Inc	102064	1/32	1/16	⅛	¼	— 50.0
MTMIS	M&T Mortgage Investors SBI (M)	3635	13	9⅜	11⅞	10⅜	+ 14.4
MCIC	MCI Communications Corp			See Page 14			
MCICG	MCI Communications Corp Dbs	1385	345	117	282	142½	+ 97.8
MCMC	MCM Corp (M)	5514	9¾	6¾	8¾	9⅝	— 12.9
MDCO	MDC Corp			See Page 15			
MGFO	MGF Oil Corp (M)	273016	9⅛	2¾	3¾	9½	— 60.5
MINVS	MIW Investors of Washington SBI (M)	3422	3¼	2⅛	3¼	2¾	+ 18.1
MRFY	MRFY Corp	140	4½	3	3	3¼	— 7.6*
MSREF	MSR Exploration Ltd	34064	6⅜	3⅜	3⅞	6¾	— 42.5
MTSC	MTS Systems Corp (M)	7926	17¼	9½	14½	16	— 9.3
MACD	MacDermid Inc (M)	4699	29⅜	21¼	26¼	24¼	+ 8.2
MTEC	Machine Technology Inc	17141	6	1⅜	5½	2	+ 156.2
MZRKF	MacKenzie Energy Corp	4612	1/16	⅛	3/32	⅛	— 56.2
MCLNF	MacLean Hunter Ltd	1318	9⅜	6	7¼	9⅝	— 23.6
MRFO	MacMillan Ring-Free Oil Co	4404	3⅜	1⅛	1⅜	3⅛	— 52.0
MCOS	Macrose Industries Corp	376	⅜	¼	¼	⅜	— 33.3
MDSN	Madison Gas & Electric Co (M)	18583	19	13¾	18⅞	14½	+ 30.1
MAMNF	Madre Mining Ltd	22079	2⅜	⅜	2 1/16	1⅛	+ 150.0
MPET	Magellan Petroleum Corp	6271	6½	2⅜	3	6¼	— 52.0
MCEN	Magic Circle Energy Corp (M)	41500	10¼	1⅜	2¼	9⅛	— 76.3
PENS	Magic Marker Industries Inc	105109	½	1/16	3/32	3/32	— 57.1
MAGE	Magma Energy Inc (M)	14051	7	2⅜	3⅜	4½	— 19.4
MGMA	Magma Power Co	33041	7 1/16	2⅜	5⅝	3 5/16	+ 69.8
MGNE	Magnetic Controls Co (M)	10545	22	8¾	18	9¾	+ 84.6†
MHED	Magnetic Head Corp	1911	⅝	⅛	⅜	⅜	— —
MAGN	Magnetics International Inc (M)	1366	8⅞	5	7½	7⅜	+ 1.6†
MCSIC	Magnuson Computer Systems (M)	58543	11¼	1½	2⅜	10⅜	— 73.5
MJEL	Majestic Electro Industries Ltd	192	1⅛	¼	⅜	⅜	— 50.0
MAJX	Major Exploration Inc	27131	4⅝	½	5/16	3⅜	— 84.4
MAJXW	Major Exploration Inc Wts	2248	⅜	1/16	1/16	⅛	— 87.5*
MAJR	Major Realty Corp	37825	5⅞	3¼	5	5⅝	— 6.9
MKTAY	Makita Electric Works Ltd ADR	477	17⅜	12⅜	16½	17⅜	— 6.3†
MSAI	Management Science America Inc (M)	30408	21¼	8⅝	19¼	11¼	+ 73.0†
MANT	Manitowoc Co Inc (The)			See Page 15			
MNNG	Manning-May Oil Co	9837	2⅛	⅜	½	2	— 75.0
MNTL	Manufacturers National Corp (M)	36615	26½	11¾	24¼	17½	+ 38.5
MGLD	Marathon Gold Corp	1121	⅛	⅛	⅛	⅛	— —
MDEQ	Marathon Medical Equipment Corp	181928	5/16	1/32	5/32	1/32	+ 800.0
MAOS	Marathon Office Supply Inc	1692	1⅜	⅛	⅛	1⅛	— 55.5
MRCS	Marcus Corp (M)	7943	9¼	4⅜	8¾	6	+ 45.8
MBPA	Marine Bancorp Inc (M)	758	25½	18½	24½	19½	+ 25.6
MCRP	Marine Corp (M)	3027	33½	21	30½	24¼	+ 26.4
MARPS	Marine Petroleum Trust SBI (M)	1046	21	15	19½	20	— 2.5
MARN	Marion Corp (M)	76429	6⅜	2⅜	2⅜	6¼	— 58.0
MKIV	Mark IV Industries Inc	1203	3½	¾	3	1½	+ 100.0
MTWN	Mark Twain Bancshares Inc (M)	1468	32	30	31¼	30	+ 4.1
MFAC	Market Facts Inc	2104	10⅜	6¼	10⅜	7½	+ 43.3
MRLN	Marlin Oil Co (The)	15146	1⅞	⅜	7/16	1⅞	— 76.6
MARS	Marsh Supermarkets Inc (M)	10732	18⅜	8⅜	17½	8¾	+ 100.0
MRIS	Marshall & Ilsley Corp (M)	7439	34½	19	33½	20	+ 67.5
MARTY	Marubeni Corp ADR	1000	14	9⅜	12¼	14	— 13.3
MDNT	Maryland National Corp (M)	36592	29	19	23½	23	+ 2.1
MDRTS	Maryland Realty Trust SBI	659	2¼	2	2¼	2	+ 12.5
MSTR	Masters Energy Corp	69057	¾	1/16	5/32	1/16	— 77.2
MDEC	Matagorda Drilling & Exploration Co (M)	26087	4⅛	5/16	⅝	4⅛	— 84.8
MATH	Mathematica Inc (M)	7484	18¾	11¼	14½	15	— 3.3
MAGC	Mathematical Applications Group Inc (M)	5193	19½	11	16	18	— 11.1
MTRX	Matrix Science Corp (M)	23321	22¾	13¼	22¼	21	+ 5.9
MAUI	Maui Land & Pineapple Co Inc (M)	1126	30	26	29	30	— 3.3
MAXC	Maxco Inc (M)	7826	2¼	1¼	1½	1⅞	— 20.0
MAYP	May Petroleum Inc			See Page 14			
MYFR	Mayfair Super Markets Inc	10168	15	1¾	13¾	1⅜	+ 633.3
MAYMF	Maymac Explorations Ltd	10812	3⅜	¾	2⅜	1⅜	+ 30.7
MOIL	Maynard Oil Co (M)	22498	9½	3½	5½	9½	— 42.1
MCCL	McClain Industries Inc	126	⅞	½	⅞	½	+ 50.0
MCCRK	McCormick & Co Inc			See Page 14			
MOGC	McCormick Oil & Gas Co			See Page 15			
MCFE	McFarland Energy Inc (M)	26511	13¼	6⅛	9	13¼	— 32.0
MGLL	McGill Manufacturing Co Inc	835	31½	25	27½	29½	— 6.7
MLXQC	McLouth Steel Corp	90970	3	⅜	15/16	2⅜	— 60.5
MCQA	McQuay-Perfex Inc (M)	16209	14	9½	10	12	— 16.6
MCOG	McRae Consolidated Oil & Gas Inc			See Page 14			
MTIX	Mechanical Tech Inc (M)	2160	7⅛	4	5	7¾	— 35.4
MCHT	Mechtron International Corp	3800	5½	1⅛	4	1⅜	+ 128.5
MDEX	Medex Inc (M)	4713	13¼	7½	12	12	— —
MFRD	Medford Corp (M)	3536	29	18	27	25	+ 8.0
MEDIA	Media Horizons Inc Cl A	1296	1⅜	5/16	⅜	⅜	— 14.2
MEDY	Medical Dynamics Inc	43870	1⅜	9/32	13/32	⅜	— 39.2
MECA	Medical Electronics Corp	251611	3/32	⅛	5/32	⅛	+ 25.0*
MGCC	Medical Graphics Corp (M)	8893	10½	3¾	10½	4¾	+ 127.0
MDTA	Megadata Corp	12950	13¾	3½	9¼	5	+ 85.0
MFGLF	Megaline Resources Ltd	2065	⅜	1/16	5/16	⅜	— 16.7
MEGT	Megatech Corp	6973	6¼	2⅜	6⅜	3⅜	+ 70.0
MELT	Melton Drilling & Exploration Co	161153	3/32	1/32	1/32	3/32	— 66.6
METK	Memtek Corp	53929	7/32	5/16	13/32	⅜	— 29.1
MNTR	Mentor Corp (The) (M)	19340	25¼	4⅛	21¾	4⅜	+ 357.8
MTRC	Mercantile Bancorp Inc (M)	16912	33½	24½	30⅜	27	+ 14.3
MRBK	Mercantile Bankshares Corp (M)	12822	24¼	15¼	21¼	16½	+ 28.7
MRBKP	Mercantile Bankshares Corp Pfd	402	71½	45½	62½	49½	+ 26.2
MRBA	Merchants Bancorp Inc	1681	24⅜	15	20⅜	19	+ 9.2*
MBNY	Merchants Bank of NY (M)	504	53¼	41⅞	52½	42¾	+ 22.8†
MCHN	Merchants National Corp (M)	4162	22⅜	14	20¼	17¾	+ 14.0
MEOLY	Meridian Oil (NL) ADR	83656	1/32	1/16	1/16	1/32	— 81.8
MERT	Merit Energy Corp	20093	⅜	⅛	3/32	⅜	— 79.1
MERB	Merrill Bankshares Co (M)	2497	30½	15	30½	16	+ 90.6
MMAC	Merrimac Industries Inc	7213	9¼	7	9	7¾	+ 16.1*
MERY	Merry Land & Investment Co Inc	970	9¼	5⅜	9¼	5⅜	+ 60.8†
MTLR	Metal Arts Co Inc	19968	5/16	⅛	5/16	⅛	— 12.5
MTALA	Metallurgical Industries Inc Cl A (M)	1824	7¾	3½	5	7	— 28.5
METHA	Methode Electronics Inc Cl A	2889	15⅜	8½	14	8½	+ 64.7*
METHB	Methode Electronics Inc Cl B	2382	19½	8¼	13	13¾	— 5.4†
MAIR	Metro Airlines Inc (M)	8800	8¾	2⅜	6⅜	6¾	— 5.5
METO	Metro Cable Corp	192749	⅜	1/16	5/16	⅛	— 50.0
MTRO	Metro-Tel Corp	2970	7⅛	2	7⅛	3½	+ 114.2
MFSL	Metropolitan Federal S&L Assn	614	10½	5	10½	5¼	+ 100.0
METS	Metropolitan Savings Assn	1464	1⅛	⅛	5/16	1¼	— 80.0
MPSI	Meyers Parking System Inc	883	10	7⅜	9	10	— 10.0
MICH	Michaels (J) Inc	408	5¼	4¼	5	4¾	+ 5.2
MNCO	Michigan National Corp (M)	15180	20¼	10	14	20	— 30.0
MICS	Micom Systems Inc			See Page 15			
MCRO	Micro Mask Inc (M)	12947	14⅜	6⅜	14¼	6⅜	+ 107.2†
MICZ	Micro-Z Corp (M)	82246	7⅜	1	1	7⅜	— 87.3
MICZP	Micro-Z Corp Pfd	1103	38½	5	5½	38½	— 85.7
MBLS	Microbiological Sciences Inc	1911	14½	8	14½	8	+ 81.2*
MCDY	Microdyne Corp			See Page 15			
MICC	Micron Corp	12942	3	⅝	1⅜	2⅜	— 50.0
MPIN	Micropin Corp	15136	1 1/16	⅝	1	1¼	— 20.0
MCRS	Micros Systems Inc	34226	3⅛	1⅜	2⅜	2	+ 43.7
MSCCA	Microsemiconductor Corp Cl A	13192	4½	1¼	4½	1⅜	+ 200.0
MSON	Microsonics Corp	12665	1⅜	¼	1⅜	⅜	+ 300.0
MADE	Mid-America Drilling & Exploration Inc	56594	3/32	1/32	5/16	3/32	— 71.4
MAMP	Mid-America Petroleum Inc (M)	37483	3⅛	1⅜	1⅜	3⅛	— 50.0
MAMQC	Mid-American Lines Inc	228	¾	⅛	⅛	⅜	— 66.6
MPAI	Mid-Pacific Airlines Inc	7203	7¼	1⅜	6⅛	3	+ 116.6

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
MSEX	Middlesex Water Co (M)	513	23⅛	16¼	22	17	+ 29.4
MDBC	Midland Bancorp Inc (M)	1603	10	7½	9½	9	+ 5.5
MCAP	Midland Capital Corp (M)	3778	10¼	7½	8⅜	9½	— 7.8
MLAN	Midland Resources Inc (M)	29548	1	1/16	1/16	1	— 50.0
MISC	Midland Southwest Corp (M)	6171	11¼	2¼	3	9⅜	— 69.2
MIDL	Midlantic Banks Inc (M)	15383	30⅜	19¾	28¼	22½	+ 25.5
MIDLP	Midlantic Banks Inc Pfd (M)	1714	33	21½	30½	24¼	+ 25.7
MIDLO	Midlantic Banks Inc 2nd Pfd (M)	2684	33	21¼	30½	24¼	+ 25.7
MMIN	Midnite Mines Inc (M)	5637	1¼	1/16	1/16	1	— 12.5
MDWY	Midway Airlines Inc			See Page 15			
MIDX	Midwest Exploration Inc	150988	1/8	1/32	1/8	3/32	+ 33.3
MIDW	Midwestern Fuel Systems Inc	14966	14¼	2¾	13⅜	3	+ 345.8*
MWRI	Midwestern Resources Inc (M)	6573	1/2	7/32	9/32	3/8	— 25.0
MWRIU	Midwestern Resources Inc Uts	681	9/16	1/8	5/16	7/16	— 28.5
MWRIW	Midwestern Resources Inc Wts	2469	3/32	1/32	1/32	1/16	— 50.0
MGRY	Milgray Electronics Inc	144	6¾	5¾	6	5¾	+ 4.3*
MLPR	Millcrest Products Corp	1341	2¾	1⅜	1⅝	2	— 18.7
MBRS	Miller Brothers Industries Inc	414	6	2½	3½	6	— 41.6
HSMTS	Miller (HS) Realty Trust SBI	469	24½	19⅛	24½	19½	+ 25.6
MLHR	Miller (Herman) Inc (M)	54875	28	18¼	25⅜	23	+ 11.9
MLND	Miller Industries Inc	4818	4⅜	1⅜	4⅜	2	+ 131.2†
MECC	Miller Technology & Communications Corp (M)	10935	10¼	5	5⅜	9⅜	— 38.6
MILL	Millicom Inc	29765	24½	1/8	15	1 1/16	+ 727.5
MILI	Millipore Corp			See Page 14			
JKPT	Mills-Jennings Co	832	7⅜	2	2	7⅜	— 73.7
MILA	Milwaukee Western Corp	231	3⅞	3⅜	3⅜	3⅜	. . . .
MCOM	Mincomp Corp	60927	21/32	1/16	21/32	7/16	+ 50.0
MNES	Mine Safety Appliances Co (M)	1575	48½	36½	42¼	47½	— 11.0
MNRL	Mineral Development Inc	8616	2½	3/8	3/8	2½	— 75.0
MECO	Minerals Engineering Co (M)	7005	6	1⅞	4⅜	2⅜	+ 80.9
MNRCY	Minerals & Resources ADR	219497	12	4⅛	11⅝	7½	+ 55.0
MWST	Minerals West Inc	25994	1/16	1/32	1/32	1/32	. . . .
MINX	Minex Resources Inc	202840	1/16	1/32	1/32	1/16	— 50.0
MINF	Minnesota Fabrics Inc (M)	35212	18¼	7⅜	17⅜	11¼	+ 56.1†
MINL	Minnetonka Inc (M)	77142	4⅜	1⅞	3⅜	4⅜	— 28.9
MNST	Minstar Inc	15035	5⅜	1	4⅜	1	+ 337.5
MMAN	Minute Man of America Inc	688	1	3/8	3/8	1	— 62.5†
MIOR	Miocene Resources Inc	64391	1/8	1/32	1/16	3/32	— 33.3
MREC	Miracle Recreation Equipment Co	427	4¼	3⅜	4¼	3⅜	+ 13.3
MSHR	Mischer Corp (The) (M)	4355	18	6¼	15	7	+ 114.2
MVAL	Mississippi Valley Gas Co (M)	1803	18⅜	14¼	18	16½	+ 9.0
MRES	Missouri Research Labs Inc	4205	2½	1½	2¼	1⅞	+ 20.0
MSST	Mr Steak Inc (M)	8758	3⅜	1⅜	2½	2¼	+ 11.1
MMII	Mitral Medical International Inc	21931	6¾	2¼	3	4	— 25.0
MMIIU	Mitral Medical International Inc Uts	3081	4¾	2¾	3⅜	4⅜	— 14.2*
MMIIW	Mitral Medical International Inc Wts	2893	2	3/8	1½	1	+ 50.0*
MITSY	Mitsui & Co ADR	557	34⅜	19⅞	34⅜	31	+ 11.6
MIZL	Mizel Petro Resources Inc (M)	21459	1⅜	1/8	1⅜	1 5/16	— 9.5
MCCA	Mobile Communication Corp of America (M)	83124	9¾	3⅜	9	4⅜	+ 94.5
MBLE	Mobile Gas Service Corp (M)	1580	10	7⅜	10	8	+ 25.0
MBOT	Mobot Corp	18626	3 1/16	1¼	2⅜	2¼	— 22.7
MBOTU	Mobot Corp Uts	3734	3⅞	1⅜	2⅜	3⅜	— 29.6
MBOTW	Mobot Corp Wts	7680	3/8	3/16	3/16	3/16	— 66.6
MOCO	Modern Controls Inc	4752	2¼	1	1½	1⅜	— 7.6
MOCOU	Modern Controls Inc Uts	254	2¾	1¼	1½	2¼	— 33.3
MOCOW	Modern Controls Inc Wts	2914	3/8	1/8	1/4	3/8	— 66.6
MDLN	Moduline International Inc (M)	2069	7½	4⅛	6⅝	5⅜	+ 19.5
MOGN	Molecular Genetics Inc	17499	16¼	5	14⅜	9	+ 63.8*
MOLX	Molex Inc (M)	22405	65	35½	65	43¾	+ 48.5
MAHI	Monarch Avalon Inc (M)	13515	21½	6	14½	14½	. . . .
MONC	Monarch Capital Corp			See Page 15			
MWCH	Monchik-Weber Corp (M)	28696	15¼	4½	14	11¾	+ 19.1
MONE	Monetary Resources Inc	2862	1 1/16	9/16	9/16	1 1/16	— 18.1*
MNFT	Monfort of Colorado Inc (M)	20401	15¼	4½	13⅜	4⅜	+ 189.1
MLAB	Monitor Labs Inc (M)	4641	5	2⅜	2⅜	4⅜	— 34.2
MABS	Monoclonal Antibodies Inc (M)	8573	28½	8	20½	8	+ 156.2
MOGOF	Monogram Oil & Gas Inc	11245	3⅜	1¼	1½	3½	— 57.1
MMIC	Monolithic Memories Inc			See Page 15			
MSIL	Monosil Inc	16858	2⅛	3/8	1⅜	2	— 18.7
MNTJ	Montejas Energy Resources Inc	84228	3/16	1/16	1/16	3/16	— 66.6
MONU	Monumental Corp (M)	17592	28¼	16⅜	22½	16½	+ 36.3
MOON	Mooney Broadcasting Corp	645	5¼	4	4	5½	— 27.2
MFGI	Moore Financial Group Inc (M)	5495	25¼	16	21	23¼	— 10.6
MORP	Moore Products Co (M)	4708	29⅜	23¼	29⅜	24½	+ 19.3
MORF	Mor-Flo Industries Inc (M)	3447	12⅜	6	11	7⅜	+ 49.1
MORA	Moraga Corp (M)	2210	7½	1¾	2½	7½	— 70.0
MIXS	Morehouse Industries Inc	2920	3⅜	2	3⅜	3	+ 12.5
MMEC	Mormac Energy Corp	670	12	2¼	2¾	12	— 79.1
MORR	Morrison Inc			See Page 14			
MOSE	Moseley Hallgarten Estabrook & Weeden Holding Corp (M)	110173	8¼	2⅜	6	3⅜	+ 92.0
MOSI	Mosinee Paper Corp (M)	7111	9⅜	6⅛	8⅜	8¼	+ 7.5†
MOTR	Motor Club of America (M)	18731	12⅜	4½	11⅛	5⅜	+ 113.9
MCMN	Motor Coils Manufacturing Co	1589	7⅛	2¼	4⅛	7⅛	— 40.0
MSFC	Moutain States Financial Corp	593	7⅛	1⅜	4⅛	1⅜	+ 157.1†
MOVE	Mountain States Overthrust Oil and Gas Inc	8257	1/32	3/16	1/8	1/8	. . . .
MTSR	Mountain States Resources Corp	31927	3/8	3/16	1/32	1/16	— 50.0
MWEX	Mountains West Exploration Inc	67587	3/16	1/32	1/32	3/8	— 75.0
MOVS	Movie Systems Inc	22735	6⅛	2⅛	2⅛	3⅜	— 21.4
MOXA	Moxa Energy Corp (M)	6977	4	3/8	1⅛	4	— 68.7
MOXE	Moxie Industries Inc (M)	4441	2¼	1¼	1⅜	1¾	— 7.1
MUEL	Mueller (Paul) Co	765	21½	15½	19⅛	21⅛	— 9.3
MLTF	Multibank Financial Corp (M)	6138	44⅛	27⅜	38	28⅛	+ 33.3†
MMED	Multimedia Inc (M)	26873	50⅜	27¼	49	35	+ 40.0
MKNLA	Multnomah Kennel Club Cl A	452	3¾	2⅜	3⅛	3⅜	— 13.7
MKNLB	Multnomah Kennel Club Cl B	353	6⅛	5¼	5½	5¼	+ 4.7
MMTGS	Murray Mortgage Investors SBI	1381	5⅜	4⅛	4½	5	— 10.0
MUSE	Muse Air Corp	45058	13⅜	3½	11½	8⅛	+ 41.5
MUSEW	Muse Air Corp Wts	13864	4½	1/8	3⅛	2⅜	+ 13.6
MUST	Mustang Drilling and Exploration Inc	27148	1 3/16	3/16	1/32	1	— 59.3
MUTRS	Mutual Real Estate Investment Trust SBI (M)	3126	9½	6	8¾	6¼	+ 40.0
MUTS	Mutual Savings Life Ins Co	305	30⅜	24	29	28¾	+ 0.8
MYES	Myers Industries Inc (M)	2976	18	12	12⅛	16	— 21.8
MYLN	Mylan Labs Inc (M)	32635	21⅞	8⅜	18	16⅞	+ 6.6
NCAC	NCA Corp	10386	18	5½	10⅜	18	— 40.2
NUDY	ND Resources Inc (M)	18799	3⅛	3/16	3/16	3⅜	— 87.0
NFAC	NFA Corp	4855	4½	1¼	4¼	3½	+ 21.4*
NLIC	NLI Corp	2379	6½	2⅜	5¼	2⅞	+ 82.6
NORP	NORPAC Exploration Services Inc (M)	15271	13¼	3	4½	12	— 62.5
NPEE	NP Energy Corp	21119	3⅛	3/8	1/8	2⅜	— 80.9
NRDFC	NRD Mining Ltd	28905	5⅜	1/8	1½	5⅜	— 74.4
NAWE	Nahama & Weagant Energy Co (M)	5321	7⅛	2⅜	3⅛	7⅛	— 54.3
NANI	Nantucket Industries Inc	5119	6	2⅛	5½	2⅜	+ 91.3
NSSC	Napco Security Systems Inc	5115	10	2⅜	3¼	6⅜	— 51.8†
NARR	Narragansett Capital Corp (M)	3673	34⅜	16⅜	32	19⅛	+ 67.3†
NCBT	Nashville City Bank and Trust Co	367	20	14⅜	20	14⅜	+ 36.7
NATO	Natco Industries Inc	1224	2⅜	3/8	1⅛	2⅛	— 50.0
NATH	Nathan's Famous Inc	4894	2¼	3/8	1⅞	3/8	+ 114.2†
NBAN	National Bancshares Corp of Texas (M)	10816	27¼	18½	23	27	— 14.8
NBANG	National Bancshares Corp of Texas Dbs (M)	144	109	93	109	106½	+ 2.3
NBAK	National Bancorp of Alaska Inc	1911	51	23	29	45	— 35.5
NSCB	National Bank of South Carolina (The)	299	20	10	20	10	+ 100.0*
NBEL	National Beryllia Corp (M)	1423	13¾	6	13⅜	9⅜	+ 41.0
NCFC	National Central Financial Corp (M)	12092	35¾	18	34⅜	20	+ 73.7
NCBM	National City Bancorp (M)	5796	13½	7⅜	11	10⅜	+ 1.1†
NCTY	National City Corp (M)	26808	36½	23¼	32	30¼	+ 5.7
NCLI	National City Lines Inc	330	13¼	12¾	12⅜	13	— 1.9
NCOL	National Color Labs Inc	238	3½	2⅜	3	2⅜	+ 41.1†
NCBC	National Commerce Bancorp (M)	5604	10⅜	7⅜	10	10⅜	— 3.6
NCBR	National Community Bank of NJ (M)	3139	30¾	20½	27	24	+ 12.5
NLCS	National Computer Systems Inc (M)	13072	20¼	10¼	17½	14	+ 25.0
NLCSG	National Computer Systems Inc Dbs (M)	41	93½	62	90	71½	+ 25.8
NCIS	National Controls Inc	4177	7½	4	6⅜	6½	+ 3.8*
NDAC	National Data Communications Inc (M)	51725	19¾	4¾	9¾	8¾	+ 11.4
NDTA	National Data Corp			See Page 14			
NECT	National Environmental Controls Inc	13229	4⅛	3/8	3⅜	1¼	+ 190.0†
NHRD	National Hardgoods Distributors Inc	611	2⅜	1¾	2	2⅜	— 15.7
NHCS	National Health Care Sys Inc	622	2¼	2	2	2	. . . . *
NHCSU	National Health Care Sys Inc Uts	1914	5	4¾	4⅞	4¾	+ 2.6*
NHCSW	National Health Care Sys Inc Wts Cl A	234	3/8	3/8	3/8	1/8	+ 25.0*
NHCSZ	National Health Care Sys Inc Wts Cl B	168	3/8	1/8	3/8	1/8	+ 200.0*
NIND	National Industrial Services Corp	204	2	3/8	1½	1¾	— 14.2
NLPI	National Lampoon Inc (M)	9734	8⅜	3½	5⅜	6¼	— 8.1
NMIC	National Micronetics Inc			See Page 15			
NMCN	National Mobile Concrete Corp	527	8	3	7	3¼	+ 115.4
NMTGS	National Mortgage Fund SBI	7887	2	1 1/16	1⅞	1⅞	. . . .
NPAR	National Paragon Corp	6566	2⅜	3/8	1½	1⅜	+ 9.0
NAPE	National Properties Corp	620	3⅜	3⅜	3¼	3⅜	. . . .
NROC	National Royalty Corp	22103	1⅜	1/8	3/8	1⅜	— 52.0
NSIC	National Security Ins Co (M)	3037	22½	14¼	14¾	15½	— 4.8
NSHOO	National Shoes Inc	1639	6¼	2¼	6¼	2¾	+ 127.2
NSHW	National Showmanship Svcs Inc	407	1⅛	1/8	3/8	1	— 25.0
NSBK	National State Bank of Elizabeth (M)	2828	15¼	10¼	15¼	11⅜	+ 28.4
NTSC	National Technical Systems	4944	7¼	2⅜	7¼	2⅝	+ 176.1
NVLV	National Valve & Mfg Co	411	45	39	44	40	+ 10.0
NVIDU	National Video Centers Inc Uts	4651	2¾	1/8	3/8	2⅛	— 70.0
NWLIA	National Western Life Ins Co Cl A (M)	21081	12⅜	4¾	11	5½	+ 100.0
NWDCA	Nationwide Corp Cl A (M)	1169	40⅛	24⅛	40⅛	31¼	+ 29.6
NTPC	Natpac Inc	586	1⅜	3/8	1⅛	1⅜	. . . .
NATU	Natura Energy Corp	64134	3/32	1/32	1/32	3/32	— 85.7
NBTY	Nature's Bounty Inc	2077	6¼	3½	5½	4	+ 37.5*
AMTC	Nature's Sunshine Products Inc	2331	9	5⅛	6⅛	9	— 27.7
NAUG	Naugles Inc	23087	21⅛	6⅜	18⅛	7¼	+ 155.1†
NTLS	Nautilus Funds Inc (M)	4329	29	17⅜	27¼	19¾	+ 37.9
NAVI	Navco Corp (M)	6474	20⅛	9¾	13	12¾	+ 1.9
NELR	Nelson Research & Dev Co (M)	34588	23⅜	6¼	18⅜	9⅜	+ 98.6
TNEL	Nelson (Thomas) Inc (M)	15828	22	8⅜	22	9⅜	+ 128.5†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
NEOB	Neo-Bionics Inc	11680	3/8	1/8	9/32	3/8	— 25.0
NTWK	Network Security Corp	19354	4	2 1/4	2 13/16	3 1/4	— 25.0
NTWKU	Network Security Corp Uts	2532	4 1/8	2 3/8	3	4 1/8	— 35.1
NTWKW	Network Security Corp Wts	13256	1 1/16	3/16	5/16	1	— 68.7
NTWKZ	Network Security Corp '87 Wts	5212	1 1/8	1/4	1 1/8	3/8	+ 200.0*
NSCO	Network Systems Corp			See Page 14			
NWRK	Networks Electronic Corp (M)	8867	11	5 1/4	7 1/4	7 3/8	— 7.9
NGNA	Neutrogena Corp	1679	33	21 3/8	33	30	+ 10.0†
NENB	Nevada National Bancorp (M)	3763	8 3/4	4	5 1/4	7 1/2	— 30.0
NEVA	Nevada Resources Inc	5784	1 1/16	1/4	1 1/16	3/8	+ 10.0
NWAR	New Air Flight Inc	1523	5 1/8	5 1/4	5 1/4	5 1/2	— 4.5*
NAFD	New America Fund Inc (M)	1794	25 1/4	16 1/4	25	21	+ 19.0†
NBSC	New Brunswick Scientific Co Inc (M)	11091	19 1/2	9 1/4	17 1/4	11 1/4	+ 53.3
NEBS	New England Business Service Inc (M)	5002	38 1/2	24 1/2	38 1/2	31 1/2	+ 22.2
NFEXF	New Frontier Petroleum Corp	67610	2 3/16	3/4	3/8	2 1/16	— 64.1
NGEN	New Generation Foods Inc	9196	7 3/4	2 1/4	7	5 1/8	+ 36.5
NJNB	New Jersey National Corp (M)	3401	27 3/4	17 3/8	27 3/4	19 3/8	+ 41.4†
NOBS	New Orleans Bancshares Inc	1216	35	19 3/8	35	19 3/8	+ 78.3†
NEWWC	New World Computer Co Inc	65604	5 1/4	3/8	2	4 3/8	— 54.2
NYAL	New York Airlines Inc	23937	4 3/4	1 3/4	3 3/8	4 1/2	— 13.8
NYTL	New York Testing Labs Inc	2473	2 1/2	1	1 3/8	1 3/8	. . . †
NYKR	New Yorker Magazine Inc	515	89	55	89	56	+ 58.9*
NZPCY	New Zealand Petroleum Co ADR	13091	1 15/16	11/16	13/16	1 1/16	— 23.5
NEWP	Newport Corp (M)	42541	34	11 1/2	34	13 3/4	+ 154.2†
NEWE	Newport Electronics Inc	3832	4 1/2	2 1/4	2 3/8	2 3/8	. . .
NPET	Newport Petroleums Inc	10325	1 3/8	3/16	3/8	1 3/8	— 76.9
NWPH	Newport Pharmaceuticals International Inc (M)	78387	10 1/4	4 1/4	5 3/8	5 3/8	. . .
NWPHP	Newport Pharmaceuticals International Inc Pfd	454	13 1/2	5 1/2	8	8	. . .
NICLF	Ni-Cal Development Ltd	42038	4 3/8	1 1/2	4 1/4	4 1/8	+ 3.0
NOGC	Nickles Oil & Gas Co			See Page 14			
NIELA	Nielsen (AC) Co Cl A (M)	45919	71 1/2	40 3/4	69 1/4	48 1/4	+ 43.8
NIELB	Nielsen (AC) Co Cl B (M)	20376	69	41 1/4	68 3/4	47 1/4	+ 45.5
NIKE	Nike Inc Cl B			See Page 14			
NIMSY	Nimslo International Ltd ADR	210494	4 3/8	1 13/16	2 1/16	3 1/16	— 42.1*
NIPNY	Nippon Elec Co Ltd ADR (M)	19230	20 3/8	13	20 3/8	17 1/2	+ 17.8†
NSANY	Nissan Motors Co ADR	1603	7 3/8	5	7 1/8	7 3/8	— 6.5†
NITR	Nitron Inc (M)	50636	17 3/4	3	4 1/4	10 1/2	— 59.5
NOBLF	Nobel Insurance Ltd	2304	3 1/8	2 1/4	2 3/8	3	— 4.1
NOBH	Nobility Homes Inc (M)	4614	9	4 3/8	7 3/4	6	+ 29.1
NOLD	Noland Co (M)	2339	15 3/4	8 1/4	15 1/4	10 3/4	+ 41.8
NORLF	Nor-Quest Resources Ltd	8846	2 1/4	3/4	3/4	1 7/8	— 60.0
NORD	Nord Resources Corp (M)	64622	14 1/4	3 1/2	5 1/4	10	— 48.7
NORL	Nordic Limited Inc	3887	1	1/8	1/8	3/4	— 83.3*
NDSN	Nordson Corp (M)	3257	25 1/2	16	23	18 1/2	+ 24.3
NOBE	Nordstrom Inc			See Page 15			
NRRG	Norstan Inc (M)	29345	13 1/4	4 3/4	12 1/4	9 1/4	+ 32.4
NORS	Norsul Oil & Mining Ltd	8688	4	1 3/8	1 7/8	4	— 53.1
NTKWW	Nortek Inc Wts	7330	2 3/4	1 7/16	2 3/4	2 1/4	+ 22.2*
NBIO	North American Biologicals Inc	9966	2 3/8	1 3/8	1 7/8	1 3/8	+ 36.3
NAMC	North American National Corp (M)	1013	6 1/2	4 3/8	6	6 1/2	— 7.6†
NAPPF	North American Power Petroleums Inc	16405	1 1/4	7/32	3/8	1 3/16	— 47.3
NATL	North Atlantic Industries Inc (M)	21152	17	5 1/4	14 1/4	7 1/4	+ 100.0
NCFS	North Carolina Federal S&L Assn (M)	2713	9 3/4	5 1/2	9 1/2	5 3/4	+ 65.2
NCNG	North Carolina Natural Gas Corp (M)	3115	15 1/2	12 1/4	13 3/8	12 3/8	+ 12.1
NCLB	North Central Labs Inc	3192	2 3/4	1 3/8	2 3/8	2 1/2	+ 5.0*
NEIC	North East Insurance Co (M)	14684	2 3/8	1	2 1/2	2 1/4	+ 17.6
NFRC	North Fork Bancorp Inc	6235	34 1/4	17	22 1/2	17 1/4	+ 30.4*
NOHI	North Hills Electronics Inc	1906	38 1/2	10 1/2	32 1/2	11 1/2	+ 182.6*†
NTHMF	Northair Mines Ltd	14573	2 1/8	1 15/16	1 1/2	1 5/16	+ 14.2
NBIC	Northeast Bancorp Inc (M)	5712	35	24	35	27	+ 29.6
NBPA	Northeastern Bancorp Inc (M)	1850	37	25 1/2	33	31	+ 6.4
NNCO	Northern National Corp (M)	10432	21 3/8	8 1/4	20	8 1/4	+ 142.4†
NTRS	Northern Trust Corp (M)	11137	48 1/4	33 1/4	45	36 3/4	+ 22.4
NSTR	Northstar Minerals Inc	21077	15/32	1/4	15/32	3/8	+ 25.0
NWEN	Northwest Engineering Co	242	3 1/4	2 1/8	2 1/8	2 1/8	. . .
NWNG	Northwest Natural Gas Co			See Page 15			
NWNGP	Northwest Natural Gas Co Pfd (M)	2440	21 1/2	17	19 1/4	18 3/4	+ 2.6
NOWT	Northwest Telecommunications Co (M)	654	28 1/4	20 1/2	28 1/4	22 1/2	+ 25.5
NWTL	Northwest Teleproductions Inc	1270	2 1/8	1 1/8	1 1/8	2 1/8	— 34.7
NWFN	Northwestern Financial Corp (M)	11856	20 3/4	12 3/8	19 1/2	14 3/4	+ 32.2
NWNL	Northwestern National Life Ins Co (M)	19346	30	18 1/2	28 1/4	27 1/4	+ 3.6
NWPS	Northwestern Public Service Co (M)	10804	18	14 1/4	17 3/4	14 1/4	+ 24.5
NSTS	Northwestern States Portland Cement Co (M)	888	20 1/4	13 1/2	16 5/8	20	— 16.8
NWES	Norwesco Inc	438	9 1/2	6 1/2	6 3/4	9 1/4	— 27.0
NOVA	Nova Petroleum Corp	41864	11/16	3/16	7/32	7/16	— 50.0
NOVTS	Nova REIT (The) SBI	1867	6 3/4	4 3/4	6 3/8	5 3/4	+ 18.6*
NMTX	Novametrix Medical Systems Inc (M)	9704	17 1/2	6 3/4	14 1/2	7 3/4	+ 87.0†
NOVN	Novan Energy Inc	188426	3/16	1/16	5/32	1/8	+ 25.0
NOVR	Novar Electronics Corp	7096	24 1/2	10 1/2	19 1/4	15 1/4	+ 26.2
NOVUS	Novus Property Co SBI (M)	4933	16 3/4	11	11 3/4	16 3/4	— 29.8
NWELF	Nowsco Well Services Ltd	9948	15	7 1/4	14 1/2	13 1/4	+ 9.4
NOXLB	Noxell Corp Cl B (M)	30304	56 3/8	31	51 1/4	31 7/8	+ 60.7
NUENF	Nu-Energy Dev Corp	1871	7	1 1/4	6 3/8	2 3/4	+ 131.8
NUMS	Nu-Med Systems Inc	12043	8	1 3/4	7 3/4	2 1/2	+ 210.0
NUTK	Nu-Tech Industries Corp	8187	5 3/4	2	5 1/4	2 1/4	+ 158.8*
NMSI	Nuclear Medical Systems Inc (M)	21569	5 1/8	1 1/8	5	3	+ 66.6
NUCM	Nuclear Metals Inc (M)	18809	33 3/4	9 1/4	28 1/4	10 3/4	+ 167.4
NURX	Nuclear Pharmacy Inc			See Page 14			
NSSI	Nuclear Support Services Inc	8782	12	5 1/2	11	9 3/4	+ 12.8
NUSY	Nuclear Systems Inc	535	4 1/4	3/4	1	4 1/2	— 76.4
NUCRQ	Nucorp Energy Inc (M)	181407	10 3/4	1/8	13/32	10 3/4	— 96.2
NUCWQ	Nucorp Energy Inc Wts	607	10	1/32	1/32	10	— 99.6
NUGTU	Nugget Exploration Inc Uts	14934	1/8	1/8	1/8	1/8	— 75.0*
NUGO	Nugget Oil Corp	25923	2 3/8	1	1 3/16	1 3/8	— 32.1
NMRX	Numerax Inc (M)	32757	18 1/2	6 1/2	16 3/4	9 1/4	+ 83.5
NUMR	Numerex Corp	771	3 1/2	3 1/4	3 1/2	3 1/2	. . . *
NUPC	Nupec Resources Inc	62540	3/8	9/32	3/16	1/4	— 25.0
NUPCU	Nupec Resources Inc Uts	242	620	260	295	420	— 29.7
NUTS	Nutrition World Inc	1972	6 1/2	4 1/4	6 1/2	4 3/8	+ 33.3†
OCGT	OCG Technology Inc	30383	8 3/4	3 1/2	8 1/4	6 3/8	+ 18.1
OICO	Oil Corp (M)	11388	3 3/8	1 3/8	2 3/8	3 1/4	— 36.6
OKCPZ	OKC Ltd Partnership	4515	16 1/2	7 3/8	15 1/2	11 3/8	+ 33.3
OSRC	OSR Corp	14501	1/8	3/16	7/16	3/8	+ 16.6
OTFE	OTF Equities Inc	309	4	3 1/2	4	3 1/2	+ 14.2
OKCO	Oakbrook Consolidated Inc	619	14	8 3/4	14	9 1/4	+ 51.3
OAKR	Oakridge Energy Inc	4823	2 3/8	1 3/8	1 3/8	1 3/8	. . .
ORSI	Object Recognition Systems Inc (M)	10615	9	4 1/4	8 3/4	5 3/4	+ 52.1
OBERF	O'Brien Energy Resources Ltd	2925	1 3/8	1/2	13/16	1 3/8	— 50.0
OCER	Oceaneering International Inc			See Page 14			
OCEX	Oceanic Exploration Co	7486	5 3/8	3 1/2	5	4 1/2	+ 11.1*
OILLF	Ocelot Industries Ltd Cl A	60	28 1/2	7	9	28 1/2	— 68.4
OILLZ	Ocelot Industries Ltd Cl B	1040	29	6 1/2	9 1/4	28 1/2	— 67.5
OCIL	Ocilla Industries Inc (M)	17559	17 3/4	4 1/2	15	5 1/4	+ 185.7
OCTO	October Oil Co	4725	1/8	1/4	1/4	1/2	— 50.0†
ODEX	Odetics Inc (M)	8012	15 1/2	6 1/4	14 3/4	11	+ 34.0†
OLOG	Offshore Logistics Inc (M)	23911	18	9 1/2	11 1/4	18	— 38.1
OLOGP	Offshore Logistics Inc Pfd (M)	6884	24	16 3/4	19 1/4	23 1/2	— 18.0
OGIL	Ogilvy & Mather International Inc (M)	15006	48 1/4	28 1/2	44 1/4	31 1/2	+ 40.4
OGLE	Oglebay Norton Co (M)	3086	28 1/2	18	24	28 1/2	— 15.7
OHBC	Ohio Bancorp	176	31 1/2	25	31 1/2	25	+ 26.0*
OCAS	Ohio Casualty Corp (M)	42379	48 3/4	29 1/2	42 3/4	41 1/2	+ 2.3
OFER	Ohio Ferro-Alloys Corp (M)	25693	9 1/4	2 3/8	3 3/4	7 3/8	— 49.1
OLCP	Oil City Petroleum Inc	4090	2 3/4	3/8	3/8	2 1/4	— 82.3
OILC	Oil-Dri Corp	240	13	7 1/2	13	12 1/4	+ 6.1
OILN	Oil International Ltd	68668	9/32	1/32	1/32	1/8	— 75.0
OPEC	Oil Producers Equipment Corp	96272	9/32	1/32	3/32	3/32	— 66.6
OILS	Oil Securities Inc (M)	35952	6 1/4	2	3 3/8	4 1/2	— 19.4†
OLGR	Olgear Co (The) (M)	908	23 1/2	16 1/2	19 1/2	23	— 15.2
OILT	Oiltech Inc	46744	1 3/16	1/16	1/16	3/8	— 90.0
OKLE	Oklahoma Energies Corp (M)	29452	2 1/8	1/16	5/32	1 3/8	— 91.6
OLEX	Oklahoma Land and Exploration Co	795	2	1/8	1/8	2	— 75.0
ODRES	Old Dominion Real Estate Inv Trust SBI (M)	1466	11 1/8	9 3/8	11 1/8	9 3/8	+ 15.5
OKEN	Old Kent Financial Corp (M)	9016	16 1/8	10 3/4	14 1/2	11 1/2	+ 26.0
OLNB	Old National Bancorp (M)	7564	21 1/4	12	16	21	— 23.8†
OLDR	Old Republic International Corp (M)	42863	27 3/8	16 3/8	23 3/4	18 3/8	+ 27.5†
OSTN	Old Stone Corp (M)	3963	26	17	23	21	+ 9.5
OSTNP	Old Stone Corp Pfd Cl A	437	9 3/4	6 3/8	8 3/4	8 3/4	. . .
OSTNO	Old Stone Corp Pfd Cl B (M)	2954	18 3/4	14 1/2	17 3/8	15 1/4	+ 15.5
OSTNN	Old Stone Corp Pfd Cl C	14543	19 3/4	14	18 1/2	14	+ 32.1*
OLGA	Olga Co	273	19 1/2	14	19	14	+ 35.7
OLSF	Olson Farms Inc (M)	2677	7 3/4	5 3/4	6 1/2	6 3/4	— 3.7
OLYB	Olympia Brewing Co			See Page 15			
OLYM	Olympic Solar Corp	9811	1 1/8	1/4	3/8	1 1/16	— 64.7
OMAH	Omaha National Corp (M)	1802	30	22	29 1/2	22 1/2	+ 31.1
OMEG	Omega Optical Co (M)	17457	5 3/8	2 1/4	5 1/4	4 3/8	+ 17.1
OMNX	Omni Exploration Inc	14573	7 1/4	1	1 1/8	7	— 83.9
OMNRF	Omni Resources Inc	1461	3/8	3/16	3/16	3/16	— 40.0
ODXT	Omnidentix Systems Corp	43897	4 3/8	1 3/16	4	1 3/8	+ 190.9
OMNI	Omnimedical (M)	22630	15 1/2	4 1/4	13	10 1/4	+ 26.8
ORCS	Omnitronics Research Corp	37041	4 5/16	1 3/8	3 1/8	1 15/16	+ 61.2
OSII	On-Line Software International Inc	23380	24 3/8	14 1/2	22 1/4	15 3/8	+ 41.2*
ONIX	Onyx + IMI Inc			See Page 15			
OPPN	Oppenheimer Industries Inc	204	4 1/4	2 3/8	4	2 1/2	+ 60.0
OPEL	Optel Corp (M)	3102	16 3/4	7 3/4	13	8 3/8	+ 50.7
OPTC	Optelecom Inc	18744	4 3/8	2 3/8	3 3/4	2 3/8	+ 30.4
OCLI	Optical Coating Lab Inc (M)	22119	36 3/4	10 1/4	36 3/4	11 3/8	+ 212.7
ORCO	Optical Radiation Corp (M)	13072	58	10 1/2	51	12 1/4	+ 316.3
OPTI	Optimum Holding Corp (M)	3652	10 1/2	6 3/8	8 1/2	10 1/2	— 19.0
ORBN	Orbanco Financial Services Corp (M)	11707	27 3/8	16 1/2	18 3/4	27 3/8	— 32.1
ORBT	Orbit Instrument Corp (M)	36797	15 1/4	5 1/8	14 1/4	7 1/2	+ 90.0
ORBTU	Orbit Instrument Corp Uts	1450	41 1/2	13	38 1/2	19 1/2	+ 97.4
ORBTW	Orbit Instrument Corp Wts (M)	10412	11	2 1/8	10 1/4	4 3/8	+ 121.6
OREM	Oregon Metallurgical Corp (M)	40752	21 1/4	8	14	21	— 33.3
OPRT	Oregon Portland Cement Co (M)	464	49 1/4	36 1/2	46	49 1/4	— 6.5
ORGN	Originala Petroleum Inc (M)	11178	2 3/8	3/8	3/8	2 3/8	— 58.8
ORIR	Orion Research Inc (M)	12809	19 1/4	6	14 1/2	7	+ 107.1
OMNU	Orthomolecular Nutrition Institute Inc	23776	5 1/32	1 1/4	3 1/4	1 1/2	+ 116.6
OSHM	Oshmans Sporting Goods Inc (M)	23551	22	14 1/2	19 1/4	15	+ 28.3
OSMO	Osmonics Inc (M)	5183	12 3/4	7 1/2	9 1/4	12 3/4	— 27.4
OSRO	Osrow Products Corp	4886	1/8	1/4	1/2	11/16	— 27.2
OTTR	Otter Tail Power Co (M)	15931	22 1/2	17	22 3/8	17 1/4	+ 29.7
OUTB	Outback Oil and Mineral Expl Corp	19827	1/8	3/16	7/32	1/8	— 75.0
OMCO	Overmeyer Corp	730	5 1/2	2 1/4	3	4 1/2	— 33.3
OVRSF	Overseas Inns SA	982	4 1/2	2 3/8	3 1/8	2 3/4	+ 13.6
OVOR	Overthrust Oil Corp	131732	25/32	3/16	13/16	3/16	+ 85.7*

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE		PERCENT CHANGE FROM 1981
OVRT	Overthrust Resources Ltd	143445	1/16	3/32	3/32	1/16	—	62.5
OBOD	Owens & Minor Inc (M)	3678	19¼	7⅞	16	8¼	+	93.9†
OXEX	Oxford Exploration Co	17466	3/4	5/16	15/32	3/8	—	37.5
OXCO	OXOCO			See Page 15				
OXCOW	OXOCO Wts	3481	2¼	2¼	2¼	2¼	+	22.2*
OECO	Oxygen Enrichment Co Ltd (M)	4494	6¼	4	5	5¾	—	13.0
P PBAC	PBA Inc (M)	3679	10¾	6	9¼	9⅞	—	2.6
PCAI	PCA International Inc (M)	42617	8½	3⅞	7⅝	5½	+	38.6
PCRIF	PCR Industries Ltd	426	1¼	3/16	3/16	1¼	—	85.0*
PETX	PETX Petroleum Corp	10604	1 3/16	3/16	3/16	3/4	—	75.0
PMIH	PMI Holdings Corp Inc	514	1⅛	1/8	3/16	1	—	81.2
PABT	Pabst Brewing Co			See Page 14				
PCAR	Paccar Inc (M)	18352	90	52½	82¼	73⅝	+	11.7†
PTRI	Pacer Technology & Resources Inc (M)	60273	2 1/16	1/8	1 3/16	2	—	40.6
PSTR	Pacesetter Corp (The) (M)	4264	17⅝	7¼	16	8¾	+	82.8
PACE	Pacesetter Financial Corp (M)	6142	12⅜	6¾	12¾	7¾	+	64.5
PHLD	Pacific Coast Holdings Inc (M)	8383	38½	4¼	38	5¼	+	623.8
PCMEQ	Pacific Coast Medical Enterprises	1720	1	1/8	3/16	1/4	—	25.0
PCYMF	Pacific Cypress Minerals Ltd	256	1/16	1/4	3/8	3/8	—	40.0
PXXP	Pacific Express Holdings Inc	1090	3¾	1½	1½	3¾	—	60.0*
PXXPU	Pacific Express Holdings Inc Uts	6013	5	2⅜	2½	4⅞	—	48.7*
PXXPW	Pacific Express Holdings Inc Wts	571	1⅜	3/4	3/4	3/4	—	*
PGAM	Pacific Gamble Robinson Co (M)	3903	21⅜	15½	17½	19⅞	—	11.9†
PAGO	Pacific Gold & Uranium Inc	24742	1 1/16	1/8	1/8	1	—	37.5
PRIN	Pacific Resources Inc (M)	8307	15¼	8⅜	8¾	14⅛	—	41.1
PRINP	Pacific Resources Inc Pfd	1168	27¼	16	19	26¾	—	28.9
PASI	Pacific Silver Corp	11896	1 1/16	1/2	1⅛	1/2	+	175.0
PSTD	Pacific Standard Life Co (M)	11201	5⅛	2½	3¼	2¾	+	18.1
PSTDW	Pacific Standard Life Co Wts	233	1/8	1/8	1/8	1/8	—	80.0
PTCM	Pacific Telecom Inc (M)	2715	40½	14½	36	16	+	125.0
PTCMV	Pacific Telecom Inc	3	18¼	17½	18	17¾	+	1.4*
PAKS	Packaging Systems Corp	825	7⅛	3⅜	5¾	4¼	+	39.3†
PPSI	Paco Pharmaceutical Services Inc (M)	25010	30½	8⅞	27	9½	+	184.2†
PWST	Pacwest Bancorp (M)	1765	13	7⅜	10¼	10¼		
PAGE	Page America Communications Inc	91004	2 5/32	1/4	2 5/32	1/2	+	343.7
PIUT	Paiute Oil & Mining Corp	95610	7/32	1/32	11/32	5/32	+	22.2
PALAY	Palabora Mining Co Ltd ADR	457	15⅜	8	15½	12½	+	24.0
LWIS	Palmer (Lewis G) Co Inc (M)	3268	11	5⅜	9½	7	+	35.7†
PALM	Palmetto Federal S&L Assn (M)	9713	29½	10⅝	28¾	15	+	91.6
PCEXF	Pan Central Explorations Ltd	232	1⅞	3/16	3/16	1⅛	—	83.3
PANW	Pan-Western Corp	1468	4⅜	3¾	4	4¼	—	5.8†
PAMX	Pancho's Mexican Buffet Inc	13262	10¼	2¾	10	3⅜	+	196.2
PDPR	Pandick Press Inc			See Page 15				
PANX	Parex Industries Inc	1833	17½	10½	17	10⅜	+	58.1*
PANS	Pansophic Systems Inc (M)	27428	20	8	17¼	11¼	+	53.3
PARF	Paradise Fruit Co	199	3¼	1⅜	1⅜	3¼	—	46.2
PARAF	Paragon Resources Ltd	204	3/8	3/16	7/16	3/8	—	41.6
PAHO	Paraho Development Corp (M)	19456	7⅜	1⅜	2⅜	3⅜	—	36.6
PLLL	Parallel Petroleum Corp	67781	1¼	1/8	11/16	1/4	+	175.0†
PLLLW	Parallel Petroleum Corp Wts	8608	1	1/8	3/16	3/8	—	70.0†
PKOH	Park-Ohio Industries Inc (M)	14406	17¼	11¼	14¼	15¼	—	6.5
PKWY	Parkway Co (The) (M)	2026	13⅝	12⅜	13⅜	12⅜	+	4.9
PARR	Parr Technology Corp	10021	28½	23⅜	23¾	28	—	15.1*
PRNT	Parrent Oil & Gas Inc	158933	5/32	1/16	3/32	7/32	—	57.1
PARO	Partners Oil Co (M)	11324	4¼	1⅜	1 3/16	4	—	54.6
PASQ	Pasquale Food Co Inc	1010	4	2¼	4	2⅝	+	52.3
PPTI	Passport Travel Inc	1958	2⅜	1¼	2⅛	2	+	6.2
PATF	Pathfinder Petroleum Corp	9432	2¼	1/8	3/32	1⅜	—	87.5
PTIX	Patient Technology Inc	2210	9¾	7¼	9	8½	+	5.8*
PTLX	Patlex Corp (M)	20415	17¾	8¼	9¾	12	—	18.7
PTLXP	Patlex Corp Pfd	414	17¾	6½	7½	12	—	37.5
PTLXU	Patlex Corp Uts	411	25½	8	13	16	—	18.7
PTLXW	Patlex Corp Wts	14185	8¾	1½	3¾	4	—	6.2
PATK	Patrick Industries Inc	4748	5	1⅝	3⅜	2⅜	+	78.9
PATB	Patriot Bancorp	1931	18	10½	16½	11	+	50.0*†
PATBP	Patriot Bancorp Pfd (M)	2466	24	16	21½	16½	+	30.3*
PATT	Patton Oil Co (M)	5829	3½	1½	1⅞	3¼	—	42.3
PHRS	Paul Harris Stores Inc	905	4½	2¼	4⅜	4	+	9.3
PLEY	Pauley Petroleum Inc (M)	14509	10⅜	4¼	5¾	10½	—	45.2
PAXL	Paxall Inc	109	14½	8½	12½	14½	—	13.7
PAXTA	Paxton (Frank) Co Cl A	594	41¼	29	41¼	29¼	+	41.0
PAYP	Pay 'n Pak Stores Inc (M)	26749	23¾	11⅝	20¼	13⅜	+	51.4†
PAYN	Pay 'n Save Corp			See Page 14				
PAYC	Payco American Corp	1294	26	10	26	11⅛	+	131.1
PCHN	Peerless Chain Co (M)	870	15½	11	15	14	+	7.1
PMFG	Peerless Mfg Co (M)	1454	12	8	9	10⅜	—	14.2
PGULF	Pegasus Gold Ltd	32508	12⅜	2⅜	12½	3	+	316.6*
PELRY	Pelsart Resources (NL) ADR	5888	1/32	1/16	1/8	1/8	—	75.0
PENT	Penn Enterprises Inc (M)	4605	15	11⅜	15	12¼	+	22.4
PPAC	Penn Pacific Corp (M)	38882	1 3/16	5/32	5/32	1 3/16	—	73.0
PVIR	Penn Virginia Corp (M)	5942	45	29⅛	32⅛	44½	—	26.9
PYANA	Penn Yan Express Inc Cl A	761	4¾	1¾	3⅜	3¼	+	15.3
PENRF	Pennant Resources Ltd	903	1¼	3/8	3/8	1 1/16	—	68.4
PNBA	Pennbancorp (M)	707	30½	24	29½	27¼	+	8.2
PNTA	Pentair Inc (M)	16005	23	12½	17½	14⅜	+	21.7†
PNTAP	Pentair Inc Pfd (M)	2417	29¼	18⅜	24	20¼	+	18.5
PEXP	People Express Airlines Inc			See Page 14				
PEOP	Peoples Bancorp (M)	7777	19⅛	12¼	15¾	19½	—	18.1
PBTC	Peoples Bank & Trust Co	627	21¼	16	21¼	16	+	32.8*
PBCT	Peoples Banking Corp	737	12	8¾	10¼	8¾	+	17.1*
PEPL	Peoples Restaurants Inc			See Page 15				
PERC	Perceptronics Inc	3635	6¾	5¾	5¾	6	—	4.1*
PRMA	Permeator Corp (M)	8909	3⅛	¾	1⅜	3¼	—	50.0
PERS	Personal Diagnostic Inc	12917	5⅞	3⅛	4⅛	4¼	+	5.8
PETR	Petra Resources Inc	117898	1/8	3/32	3/32	1/8	—	75.0
PETQ	Petro Quest Inc	14937	1/16	1/8	5/32	1/16	—	64.2
PTRL	Petrol Industries Inc (M)	12789	15	5	7½	14⅛	—	47.3
PAKT	Petroleum Acreage Corp	50513	3/8	3/16	1/4	3/8	—	60.0
PETD	Petroleum Development Corp (M)	27084	4⅛	1¼	1⅝	3⅜	—	59.2
PTCO	Petroleum Equipment Tools Co (M)	61691	31¼	6¾	8½	31¼	—	72.8
PHEL	Petroleum Helicopters Inc	2756	13	6	8¼	9¼	—	10.8
PHELK	Petroleum Helicopters Inc Non-Voting (M)	18415	12⅜	6	8⅛	9⅜	—	13.3
PILXU	Petroleum Investors Ltd Uts	18228	14¼	10	12¼	11½	+	6.5*
PLIT	Petrolite Corp			See Page 15				
PMAX	Petromax Energy Corp	92784	1/32	1/16	3/32	1/32	—	72.7
PTSI	Petrosystems International Inc	14202	11¾	2½	4	8⅞	—	54.9
PTEC	Petrotech Inc	1698	3¼	1¼	1½	3¼	—	53.8
PTRX	Petrox Industries Inc	648	5½	2⅜	4	5	—	20.0
PETT	Pettibone Corp (M)	8991	18½	7¼	8¾	15	—	41.6
PEZAF	Pezamerica Resources Corp	9910	3¾	¾	1 1/16	3½	—	66.0†
PHAR	Pharmacontrol Corp	3833	5¼	4¼	4⅝	4¾	—	2.6*
PHNA	Philadelphia National Corp			See Page 15				
PGLOY	Philips (NV) Gloeilampen-fabrieken (M)	73700	10⅜	8	10⅜	8⅛	+	27.6
PHXA	Phoenix American Inc	4674	16	13½	16	14	+	14.2*
PMCS	Phoenix Materials Corp	2701	2¾	1⅝	1¾	2¼	—	22.2
PHOG	Phone-A-Gram System Inc	3099	2	¾	1⅛	1⅛		
PHGN	Phone-Mate Inc	3782	9½	3¼	6¾	4½	+	50.0
PHOC	Photo-Control Corp	4590	5	3¼	4½	3¼	+	38.4
PMCP	Photo-Marker Corp	1919	3/8	1/4	5/8	1/2	+	25.0
PSCX	Photographic Sciences Corp	1568	2¼	¾	¾	1⅞	—	60.0
PSCXU	Photographic Sciences Corp Uts	5	550	180	180	525	—	65.7
PSCXW	Photographic Sciences Corp Wts	332	1/4	1/8	1/8	1/4	—	50.0
PHTN	Photon Sources Inc (M)	8991	9¼	4⅜	7⅞	9¼	—	14.8
PHTNW	Photon Sources Inc Wts	2504	2¼	⅝	2¼	1	+	125.0*
PHOT	Photronics Corp	10472	8¾	3	7¼	4¼	+	70.5
PHOTU	Photronics Corp Uts	3095	22⅜	7	18⅜	7¾	+	141.9
PHOTW	Photronics Corp Wts	1907	5¼	1½	4	1½	+	166.6*
PICOA	Physicians Insurance Co of Ohio Cl A (M)	2708	16	10	16	12¾	+	25.4†
PICN	Pic 'N' Save Corp			See Page 14				
PICC	Piccadilly Cafeterias Inc (M)	16053	18¼	13½	16¾	14⅜	+	16.5
PMAN	Piedmont Management Co Inc (M)	8824	8¾	4¾	8⅝	6½	+	34.6
PRCE	Pierce (SS) & Co Inc (M)	1356	19⅛	11¼	18	12	+	50.0
PEPIA	Piezo Electric Products Inc Cl A	160506	2 1/16	⅝	1⅜	2	—	56.2
PIIC	Pilgrim Intergroup Investment Corp	54	4½	4½	4½	4½		
PINKB	Pinkerton's Inc Cl B (M)	2549	76	48	76	56	+	35.7
PIOG	Pioneer Group Inc (The) (M)	8432	37	20¼	37	22	+	68.1
PHYB	Pioneer Hi-Bred International Inc			See Page 14				
PINT	Pioneer International Corp	325	5	3¾	5	4	+	25.0
PIOS	Pioneer-Standard Electronics Inc (M)	9544	16¾	10¼	15	12¼	+	22.4
PSUN	Piper Hydro Inc	9626	1⅝	1/4	1⅝	7/8	+	78.5
PITS	Pittsburgh National Corp			See Page 15				
FUNN	Pizza Entertainment Centers Inc	47371	2 1/16	3/4	1 5/16	1 3/16	—	21.0
CHKY	Pizza Time Theatre Inc			See Page 14				
PVEN	Pizza Ventures Inc	17564	20¾	3½	20	4¾	+	321.0
PLNS	Plains Resources Inc	14321	2¼	1/8	1⅛	2⅛	—	47.0
PLNSW	Plains Resources Inc Wts	7395	1/8	1/32	1/8	1/8		
PLNO	Plano Petroleum Corp	168834	7/32	1/16	1/8	5/32	—	20.0
PNBT	Planters National Bank & Trust Co (M)	2199	30¼	19¼	29½	21½	+	37.2
PTIS	Plasma-Therm Inc	16970	3½	1⅝	2⅝	2	+	31.2
PSTI	Plastiline Inc	330	1½	1/4	1/2	3/4	—	33.3
PLZA	Plaza Commerce Bancorp	2379	7¼	4¾	4¾	7¼	—	34.4*
PRISS	Plaza Realty Investors SBI	1373	1 1/16	1/2	1¼	1 1/16	—	13.0
PLEN	Plenum Publishing Corp (M)	3966	36	18¼	32	18½	+	72.9
PLUSF	Plexus Resources Corp	4307	1⅜	⅜	1 1/16	1	+	6.2
PLCO	Plumb Oil Co Inc	1677	1⅜	½	1 1/16	1⅜	—	60.7*
POEA	Poe & Associates Inc	741	11½	7¾	10½	9⅜	+	7.6
POLO	Polaris Oil & Gas Inc	12858	1/16	1/16	5/32	3/8	—	58.3
POLA	Polaris Resources Inc	24614	½	3/16	⅜	½	—	25.0
PMSC	Policy Management Systems Corp (M)	35095	42⅞	16⅛	36¼	18½	+	100.0
PPET	Pollock Petroleum Inc	39015	1 1/16	1/16	1/32	1⅛	—	58.3
POLC	Pollution Control Industries Inc	1979	1⅛	⅜	1 1/16	1 3/16	—	10.5
PTCC	Polycast Technology Corp	4043	8¾	3¼	7⅜	4¼	+	82.3
POLXZ	Polydex Chemicals Ltd	19135	12¼	3¼	5	9⅛	—	47.3
PROA	Polymer Research Corp	10491	9	3½	5⅜	4¾	+	21.0
PBAN	Popular Bancshares Corp	21756	2 1/16	1 7/16	2⅜	1⅝	+	57.6
POSL	Posi-Seal International Inc (M)	17761	9⅜	6¼	7	9½	—	26.3
POSI	Positech Corp	135200	1 3/16	3/8	9/16	1 3/16	—	30.7
POSS	Possis Corp	2695	20¼	5½	20	6	+	233.3
POWL	Powell Industries Inc (M)	30884	4⅛	2⅞	3	3⅝	—	17.2
PWRC	Power Conversion Inc	9797	8⅝	2⅜	7½	3½	+	114.2
POWR	Power Resources Corp	10458	5/32	1/16	1/16	3/32	—	71.4
PRAB	Prab Robots Inc (M)	15631	29¼	10¼	16½	18½	—	10.8
PRPEF	Prairie Pacific Energy Corp	1358	1⅜	7/16	1	1¾	—	42.8
PPCO	Prairie Producing Co (M)	26618	8⅜	4¼	7¼	7	+	3.5
PCST	Precision Castparts Corp (M)	18775	35½	17⅜	32⅜	28⅜	+	13.9
PFDR	Preferred Risk Life Ins Co (M)	3085	25⅛	16½	24⅜	21¼	+	16.4
PECO	Premier Energy Corp	62971	1/32	1/8	1/8	3/16	—	71.4*
PRESY	President Brand Gold Mining ADR	35394	50⅜	17⅞	49	35	+	40.0
PSTYY	President Steyn Gold Mining ADR	38194	53¼	15⅜	51⅛	30⅜	+	65.5
PLFE	Presidental Life Corp	290	27½	20	21	21		

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PTRK	Preston Trucking Co Inc (M)	10190	24½	12¾	24½	13½	+ 81.4
PREW	Preway Inc (M)	7276	14	7	12⅜	8¾	+ 45.7
PCCM	Price Communications Corp	2090	5¼	1⅜	4⅜	4¼	+ 11.7*
PCCMU	Price Communications Corp Uts	1197	8½	2½	8	5¾	+ 39.1*
PCCMW	Price Communications Corp '83 Wts	780	1⅜	¼	1½	¾	+ 100.0*
PCCMZ	Price Communications Corp '84 Wts	907	1⅜	¼	1⅜	⅜	+ 160.0*
PCLB	Price Co (The)			See Page 14			
PENG	Prima Energy Corp	56578	1/32	3/32	1/16	3/32	— 33.3
PELT	Princeton Electronic Products Inc	1024	1	⅛	⅜	⅛	+ 400.0
PTNX	Printronix Inc			See Page 15			
PSTV	Private Screening Inc	203	2⅜	⅜	1	1½	— 33.3*
PSTVU	Private Screening Inc Uts	1662	5	2¼	3	4⅞	— 38.4*
PSTVW	Private Screening Inc Wts	58	1/16	⅛	⅛	⅛	*
PDGY	Prodigy Systems Inc	6399	7½	1½	6⅛	2	+ 212.5
PROP	Production Operators Corp (M)	42448	8½	3⅞	6⅛	8½	— 26.4
PROPG	Production Operators Corp Dbs (M)	92	68	55	66	65	+ 1.5
CARE	Professional Care Svcs Inc	8912	12⅜	1	12⅜	1⅜	+ 827.2*†
PROF	Professional Investors Corp (M)	2081	1½	1	1	1⅜	— 27.2
PSYS	Programming & Systems Inc	5253	2⅞	⅜	2⅞	1⅛	+ 155.5
PRUL	Programs Unlimited Inc	50841	2 3/16	¾	2½	2⅛	+ 17.6
PROG	Progressive Corp (The) (M)	8844	41½	24½	37	32½	+ 13.8
PRSL	Progressive S&L Assn	1034	2½	1½	2½	2¼	+ 11.1
PRGR	Progroup Inc (M)	15710	5	1⅜	5	1¾	+ 185.7
PRCLS	Property Investors of Colo SBI (M)	2103	7¼	3¾	7	6	+ 16.6
PTRAS	Property Trust of America SBI (M)	7664	13⅜	7⅜	12¼	11	+ 11.3
PROT	Protective Corp (M)	4486	27	19	27	23¼	+ 16.1
PROTG	Protective Corp Dbs	68	116	99	116	99	+ 17.1
PMED	Proto-Med Inc	4525	2⅜	2¼	2⅜	2⅜	*
PRBK	Provident Bancorp Inc	10	48½	40	46¾	24¼	+ 92.8
PACC	Provident Life & Accident Ins Co (M)	15270	56	34½	50½	56	— 9.8
PROV	Provident National Corp (M)	50683	36	21¾	31⅝	23⅛	+ 36.7†
PROVP	Provident National Corp Pfd	212	70	43	62	46	+ 34.7
PFSL	Prudential Federal S&L Assn (M)	3441	9	3¾	7½	8½	— 11.7
PSYC	Psych Systems Inc	10108	9¼	5	9	6	+ 50.0*
PBCOO	Pubco Corp (M)	8234	1/16	⅛	⅛	⅜	— 20.0
PSNC	Public Service Co of North Carolina Inc (M)	6023	14½	11⅜	14	12¼	+ 14.2
PSNB	Puget Sound Bancorp (M)	2892	29⅜	20¼	25⅜	27½	— 6.3
PLFC	Pulaski Furniture Corp (M)	3165	25½	9¾	24	9¾	+ 146.1
PTCI	Pullman Transportation Co Inc	121437	3⅛	¾	2 1/16	¾	+ 258.3*
PUBC	Pupcoa Inc	48840	3/32	1/32	1/16	1/32	+ 100.0
PCOI	Purcell Co Inc (M)	4078	8	1¼	7¼	1⅝	+ 346.1
PBEN	Puritan-Bennett Corp (M)	27246	29¼	13¼	22⅝	28	— 19.1
PUTNL	Putnam Duofund Inc Capital Shares (M)	3466	18½	11	17⅝	13	+ 37.5
PUTNZ	Putnam Duofund Inc Income Shares (M)	423	20	19	19⅜	19	+ 3.9
PTNM	Putnam Trust Co	710	23½	17½	23	23½	— 2.1
PYOL	Pyramid Oil Co (M)	3195	5	2	2½	4½	— 44.4
PYRO	Pyro-Magnetics Corp	5417	15⅜	½	2¼	14½	— 84.4
Q QONEQ	Q1 Corp	16076	7/16	1/16	3/32	¼	— 37.5
QEDX	QED Exploration Inc	57095	3/32	3/32	3/32	3/32	— 44.4
QMGHF	QMG Holdings Inc	70460	5¼	1 3/16	1⅜	4⅜	— 75.0
QUAD	Quadrex Corp			See Page 15			
QCHM	Quaker Chemical Corp (M)	6364	21½	14⅜	19	15¾	+ 20.6
QUCA	Quality Care Inc (M)	24503	8⅞	2⅜	7¼	3⅜	+ 114.8
QSII	Quality Systems Inc	5096	23⅜	17¼	23½	18¾	+ 25.3*
QUAN	Quantronix Corp (M)	2886	7⅜	3	7	5⅜	+ 30.2
QNTM	Quantum Corp	21968	24¼	19	21	22½	— 6.6*
QMED	Quest Medical Inc	53718	11⅜	2⅜	9	3	+ 200.0
QMEDU	Quest Medical Inc Uts	4107	31	6¼	24	7¼	+ 231.0
QMEDW	Quest Medical Inc Wts	24110	8	⅞	5⅞	1 1/16	+ 452.9
QUIK	Quickprint of America Inc	16011	4⅛	1⅞	3⅝	3½	+ 3.5
QUIKW	Quickprint of America Inc Wts	9773	¾	⅛	3/32	¾	— 79.1
QUIX	Quixote Corp (M)	4423	11⅛	6¾	10¼	7	+ 46.4
QUOT	Quotron Systems Inc			See Page 14			
R RAIC	RAI Research Corp (M)	10859	12	4⅛	11¼	4⅜	+ 157.1†
RCMT	RCM Technologies Inc	4955	1/16	1/16	⅜	1/16	— 20.0*
RCMTU	RCM Technologies Inc Uts	17469	1/16	1	1/16	1/16	*
RCMTW	RCM Technologies Inc Wts	1830	1/16	⅛	⅜	1/16	— 14.2*
RLIC	RLI Corp (M)	5877	10⅝	5	10⅝	7	+ 51.7
RPOW	RPM Inc			See Page 15			
RSIC	RSI Corp (M)	2679	2¼	1⅜	1⅝	2	— 18.7
RSRC	RSR Corp (M)	3074	8	3¼	3½	8	— 56.2
RPECF	Radian Petroleum Corp	17323	1 1/16	¼	9/16	1 1/16	— 73.6
RTCC	Radiant Technology Corp	24143	1 1/16	9/16	1 1/16	7/16	+ 57.1
RADS	Radiation Systems Inc (M)	36313	29¼	11⅛	25	16	+ 56.2†
RTCH	Radiation Technology Inc (M)	17378	21¾	6	19¼	10¼	+ 87.8
RADC	Radice Corp (M)	74090	7½	1⅞	5⅝	2 1/16	+ 124.3
RAGN	Ragen Corp (M)	12677	9⅝	4⅜	7¼	9½	— 23.6
RBAN	Rainier Bancorp			See Page 15			
RERIF	Rainier Energy Resources Inc	3	9/16	¼	9/16	⅛	— 37.5*
RMPO	Ramapo Financial Corp (M)	1357	14⅜	6⅜	14⅜	7⅞	+ 85.7
RMTK	Ramtek Corp (M)	40463	20¼	11⅛	15¼	13½	+ 12.9
ROAM	Ran Energy Inc	14793	1 7/16	1/16	⅝	1⅜	— 54.5
RAND	Rand Capital Corp	1563	9½	6½	9½	7½	+ 26.6
RINS	Rand Information Systems Inc	19203	6⅝	2¼	6	3⅜	+ 77.7†
RANG	Rangaire Corp (M)	8918	7⅝	4¼	6½	5⅝	+ 15.5
RANKY	Rank Organization PLC ADR	41974	3 11/16	1 23/32	1 25/32	3 11/32	— 48.5
RATHC	Rath Packing Co	3048	1⅜	⅜	⅞	⅜	. . . .
RACM	Raycomm Industries Inc	2202	1/16	⅛	½	⅝	— 20.0
RAYOF	Raymac Oil Corp	9741	1⅜	⅛	9/16	1	— 43.7
RAYM	Raymond Corp (The) (M)	3678	25¼	16	18½	25¼	— 26.7
REIN	Raymond Engineering Inc	4130	16⅛	15¼	15½	16	— 3.1*
RYPK	Raypak Inc (M)	8669	6⅛	3	6⅛	3½	+ 75.0
RYRKF	Rayrock Resources Ltd	7131	8	2	7 1/16	3	+ 164.5
REIPS	Real Estate Investment Properties SBI (M)	789	12¼	9¾	12¼	9¾	+ 25.6
RACOS	Realamerica Corp SBI	3335	3⅝	2½	3⅝	2½	+ 35.0
RELX	Realex Corp	999	24	14	15¾	17¾	— 11.2
RLST	Realist Inc	1234	9¼	5	7	9	— 22.2
REAT	Realty Industries Inc	1111	9½	6¼	9¼	6¼	+ 48.0
RCOT	Recoton Corp	775	5	2¼	3⅜	3¼	+ 15.3
RECT	Rectisel Corp	1051	1⅜	⅜	1½	1¼	+ 20.0
REDF	Redfern Foods Corp	583	6½	2⅛	4	3¼	+ 23.0
RDFDF	Redford Resources Inc	9252	1/16	1/16	1/16	⅜	— 7.1
RDKN	Redken Laboratories Inc (M)	14402	29	13⅜	25⅜	14½	+ 75.0†
RFEN	Reef Energy Corp	5946	4⅜	1⅛	1½	4⅛	— 72.7
RFENU	Reef Energy Corp Uts	938	11	2¼	2¾	11	— 75.0
RFENW	Reef Energy Corp Wts	1864	2⅛	¼	⅝	2⅛	— 82.3
RVCC	Reeves Communications Corp			See Page 14			
REFC	Refac Technology Development Corp (M)	17742	21⅜	8	14	11⅜	+ 20.4†
RFTN	Reflectone Inc	8024	17¼	8⅛	14½	12⅞	+ 12.6
RPLO	Regal Petroleum Ltd	36724	1 1/16	⅜	¾	1 1/16	— 36.8
RGCY	Regency Electronics Inc			See Page 14			
REGIS	Regency Investors SBI	6041	⅜	¼	⅛	⅜	+ 33.3
RGNT	Regent Petroleum Corp	130683	1/16	1/32	1/32	3/32	— 66.6
REID	Reid-Provident Labs Inc (M)	2733	9¾	5⅜	8½	8¼	+ 3.0
REAL	Reliability Inc (M)	14668	6¼	2½	5¼	3¼	+ 61.5
RINV	Reliable Investors Corp (M)	2293	1/16	⅛	¼	⅛	— 50.0
RINVP	Reliable Investors Corp Pfd Cl A	432	2⅞	2⅜	2¾	2⅜	+ 15.7
RLIF	Reliable Life Insurance Co	567	28	17¾	25	17¾	+ 40.8
RELT	Reltron Corp	369	3⅜	1¼	3½	3	+ 16.6
RPCO	Repco Inc	4726	10¼	3½	10	4	+ 150.0*
RAUT	Republic Automotive Parts Inc (M)	13163	10⅜	7⅜	9¾	10⅜	— 8.2
REPB	Republic Resources Corp (M)	17780	⅜	⅛	⅛	1/16	— 84.6
BEAN	Republic Resources Inc	5172	6	¾	2	3½	— 42.8*†
RSCO	Resco International Inc	503	1⅜	9/16	9/16	1¾	— 82.1*
RESR	Research Inc (M)	2018	10	6	8½	10	— 15.0
REIC	Research Industries (M)	9056	14¼	9½	13	10½	+ 23.8
RSRS	Reser's Fine Foods Inc	309	7	3⅜	6¼	4¾	+ 31.5
REXC	Reserve Exploration Co	23999	⅜	3/32	3/32	⅜	— 67.8
ROIL	Reserve Oil & Minerals Corp	624	1½	1⅜	1⅜	1½	— 8.3
RUTI	Resort & Urban Timeshares Inc	11447	10⅞	3⅜	3⅜	6¾	— 50.0
RUTIU	Resort & Urban Timeshares Inc Uts	21752	18½	3¾	3¾	10½	— 62.9
RUTIW	Resort & Urban Timeshares Inc Wts	9374	7⅜	⅜	⅜	3½	— 75.0
REXI	Resource Exploration Inc	3305	1¾	⅜	1½	1	+ 50.0*
RECP	Resources Equipment Capital Corp	303360	3/32	1/32	3/32	1/32	+ 200.0
RPSA	Resources Pension Shares Inc	163	26½	24½	25	26½	— 5.6*
RWES	Resources West Inc	19632	½	1/16	3/32	½	— 81.2
CHEZ	Restaurant Entertainment Inc	309	4⅛	3½	4⅛	4⅛	*
REUT	Reuter Inc (M)	15590	9¾	5¼	8⅜	9¼	— 1.4
PREV	Revere (Paul) Investors Inc (M)	7247	14⅛	11	14⅛	11¼	+ 26.6
RXCH	Rexco Industries Inc	216	4⅜	4	4⅜	4⅜	. . . .
REXN	Rexon Business Machines Corp	13201	8½	3	7⅜	8¼	— 10.6*
REYNA	Reynolds & Reynolds Co Cl A (M)	32772	30¾	17¾	30¾	19¾	+ 55.6
RHDS	Rhodes Inc (M)	36242	10¾	2½	9¼	2½	+ 270.0
RIBI	Ribi Immunochem Research Inc	14218	10¾	2⅛	7¾	3⅝	+ 100.0†
RIBIU	Ribi Immunochem Research Inc Uts	2154	12¾	9	9¼	11⅞	— 22.1*
RIBIW	Ribi Immunochem Research Inc Wts	1411	2¾	1⅜	2	2	*
RIHL	Richton International Corp	5252	1⅜	1/16	⅛	1⅜	— 73.3
RICOZ	Ricoh Co Ltd Dbs	40	135½	73½	135½	109	+ 24.3
ROED	Ridgeway Oil Exp & Dev Inc	161024	1/32	3/32	⅛	⅜	— 66.6
RIGS	Riggs National Corp (The) (M)	4047	28⅛	18⅛	24	27	— 11.1
RIOV	Rio Verde Energy Corp (M)	25146	5½	⅜	1⅛	5¼	— 78.5
RIPY	Ripley Co Inc	1269	9⅜	4⅜	6¼	4⅜	+ 31.5
RIVL	Rival Mfg Co			See Page 15			
RFBC	River Forest Bancorp	1024	12⅛	8¼	11⅛	9¼	+ 24.3
RIVES	Riverside Properties Trust SBI	265	1⅛	⅛	1½	⅜	+ 200.0
ROAD	Roadway Services Inc			See Page 14			
RESC	Roanoke Electric Steel Corp	458	12	8½	11	12	— 8.3
ROBN	Robbins & Myers Inc (M)	5867	23½	9½	13	23½	— 44.6
ROPO	Roberts & Porter Inc (M)	3333	6¾	1½	1½	6¾	— 77.7
ROGI	Roberts Oil & Gas Inc	33961	2⅜	1¼	1⅜	1⅜	+ 9.0
RBSN	Robeson Industrial Corp	2522	3½	⅝	3½	¾	+ 366.6*
RNIC	Robinson Nugent Inc (M)	8369	18¼	9½	17⅜	12⅜	+ 37.2†
ROBV	Robotic Vision Systems Inc (M)	28814	8⅝	3⅜	8¼	7½	+ 10.0
ROCK	Rockor Inc			See Page 15			
ROCL	Rockwell Drilling Co	15236	1⅜	1/32	1/32	1¼	— 72.5
RWEL	Rockwell Oil Co	51242	3/32	1/32	1/16	1/32	+ 100.0
RNTL	Rockwood National Corp (M)	7533	1⅜	1 1/16	1⅜	1⅜	— 15.3
RCKY	Rocky Mountain Exploration Co	29902	1¼	⅜	1 1/16	1 1/16	— 35.2
RMMI	Rocky Mountain Minerals Inc	95948	3/16	1/32	3/32	1/16	+ 150.0
RMMIP	Rocky Mountain Minerals Inc Pfd	58612	3/32	1/32	1/16	1/32	+ 100.0*
RGAS	Rocky Mountain Natural Gas Co (M)	7900	8⅜	6⅛	7¾	6⅜	+ 21.5

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
RODMY	Rodime PLC ADR	9628	16½	7½	12¼	7¾	+ 58.0*
ROFF	Roffler Industries Inc	365	4¼	3¼	4¼	3¾	+ 13.3
MINI	Roger Brown's Miniature Horse Farms Inc	6781	2 11/16	2	2	2½	— 20.0*
RCINZ	Rogers Cablesystems Inc Cl B	71348	8¼	4	6½	8	— 18.7
ROLF	Rolfite Co (The)	7294	6½	5/8	1¼	5	— 75.0
ROMAA	Rom-America Pharmaceuticals Ltd Cl A	1063	3⅜	¾	1⅛	3½	— 67.8
ROOSA	Roosevelt National Investment Co Cl A (M)	2800	1⅜	1	1	1¼	— 20.0
RSTO	Rose's Stores Inc	943	27½	17	27	20¼	+ 33.3
RSTOB	Rose's Stores Inc Cl B (M)	996	27½	17	27	19¼	+ 40.2
ROREF	Rosmac Resources Ltd	5175	2⅜	9/16	7/16	2⅜	— 83.3
RPCH	Rospatch Corp (M)	2797	14½	7¼	12¾	10½	+ 21.4
ROUS	Rouse Co (The)			See Page 15			
ROWE	Rowe Furniture Corp (M)	3018	4½	1⅝	2⅝	1¾	+ 50.0
RASL	Royal Apex Silver Inc	22313	3¼	5/8	2 15/16	1 1/16	+ 176.4
RYBF	Royal Business Group Inc	3134	8¼	3¾	8	4½	+ 77.7
RPETY	Royal Dutch Petroleum Co ADR	64	118	107½	114¼	114½	+ 0.2
RRCO	Royal Resources Corp	30491	7⅜	4¼	6⅜	6¼	+ 8.0
RDCOU	Royalty Development Corp Uts	9608	3/16	1/16	1/16	3/16	— 66.6
ROYL	Royalty Ventures Corp	25173	⅜	1/16	1/16	⅜	— 83.3
ROYLU	Royalty Ventures Corp Uts	22704	⅜	⅛	⅛	⅜	— 83.3
RUMC	Ruby Mining Co	16060	3/16	1/16	1/16	⅛	— 50.0
RULE	Rule Industries Inc	1459	3	1½	2¼	3	— 25.0
RYNMS	Ryan Mortgage Investors SBI	542	7¼	5⅜	7½	5½	+ 31.8
RYAN	Ryan's Family Steak Houses Inc	13507	25¼	9¼	24⅜	9⅜	+ 153.8*
RYCO	Rynco Scientific Corp	11475	7⅜	2⅛	6¼	3⅛	+ 100.0
SAME	S&M Co (The)	891	1½	¾	⅝	1½	— 41.6
STII	S&T Industries Inc	1116	5¼	3¼	5	5¼	— 4.7
SHRM	SAB Harmon Industries Inc (M)	2881	8½	5	7⅜	6⅜	+ 12.7
SABA	SABA Oil & Gas Inc	863	1¼	1/8	1/8	½	— 75.0
SAIG	SAI Group Inc	22546	1/8	¼	3/16	7/16	— 28.5
SAIGU	SAI Group Inc Uts	20879	1⅛	⅜	¾	1	— 25.0
SAIGW	SAI Group Inc Wts	11169	5/32	1/32	1/16	1/16	. . . .
SALC	SAL Cable Communications (M)	6767	9	3¼	6¾	6¾	. . . .
SBEIC	SBE Inc	3044	5/16	1/8	¼	1/8	+ 100.0
SBTG	SBT Corp	844	19¼	16	17	18¾	— 9.3†
SCIS	SCI Systems Inc			See Page 15			
SEIC	SEI Corp (M)	12619	45¼	21¼	39	24½	+ 59.1
SFEM	SFE Technologies (M)	22689	19⅜	10½	18½	13⅜	+ 35.7†
SGMIA	S-G Metals Industries Inc Cl A	47	⅜	⅜	⅜	⅜	. . . .
SIHS	SI Handling Systems Inc (M)	2592	16½	7	13½	12½	+ 8.0†
SRCL	SRC Laboratories Inc	343	2¼	¼	1⅜	¼	+ 350.0
SRICI	SRI Corp			See Page 15			
STVI	STV Engineers Inc	629	3¾	2⅜	3½	3¼	+ 7.6
SWLG	SWLG Corp	35180	1 3/16	7/16	9/16	13/16	— 30.7
SADL	Sadlier (William H) Inc	271	3¾	3¼	3⅜	3½	+ 3.5
SFCD	Safecard Services Inc (M)	32685	20½	7½	19½	15	+ 30.0
SAFC	SAFECO Corp			See Page 14			
SFEGG	Safeguard Scientific Inc Dbs	26	76	56	75	61	+ 22.9
SFEGU	Safeguard Scientific Inc Uts	7	920	590	750	730	+ 2.7
SAFK	Safety-Kleen Corp (M)	23504	29	13	27½	19	+ 44.7†
SRSC	Safety Railway Service Corp	139	6¾	5½	6⅜	6½	+ 3.8
SGAL	Sage-Allen & Co	665	12	5½	8½	6¼	+ 36.0
SAGE	Sage Drilling Co Inc (M)	3949	12¾	4¼	5¼	13	— 59.6
SLAB	Sage Laboratories Inc	1580	13	5⅜	11	6	+ 83.3
SLCR	Salem Carpet Mills Inc (M)	15538	5½	1	4¾	1⅝	+ 192.3
SNCP	Salem National Corp	728	4	1½	3⅜	1½	+ 150.0
SBAR	San/Bar Corp (M)	13949	18	7½	13¼	18¼	— 27.3
SDBC	San Diego Bancorp	5753	2⅜	1	2⅜	2	+ 18.7
SDBCW	San Diego Bancorp Wts	957	⅛	1/16	⅛	⅛	— 25.0
SHEF	Sandwich Chef Inc	4800	15½	11¼	14½	11⅜	+ 21.2*
SANS	Sanitas Service Corp	7938	1	9/16	⅝	1	— 62.5
SANT	Santa Monica Bank	701	26¼	18½	24	26¼	— 8.5†
SRGMF	Santa Sarita Mining Co Ltd	18433	1¾	½	1¼	1⅛	+ 11.1
SNTE	Santec Corp	24406	4	⅜	⅝	2½	— 65.0
STOSY	Santos Ltd ADR	69266	7 15/16	4	4 15/16	7 11/16	— 35.7
SANYY	Sanyo Electric Co Ltd ADR	1952	11⅛	6⅝	10	11	— 9.0†
SASC	Sasco Cosmetics Inc	9940	9¾	1⅜	4¼	9¾	— 56.4
SASOY	Sasol Ltd ADR	17623	3⅜	2	3¼	2 9/16	+ 26.8*
SLNK	Satellink Corp	19430	13/16	½	3/32	9/16	+ 38.8*
SVAN	Savannah Foods & Industries Inc (M)	12120	25	17	23	17½	+ 31.4
SWBB	Save-Way Industries Inc (M)	44278	14½	6	13¾	7⅝	+ 80.3
SBPS	Savings Bank of Puget Sound	24910	20¼	9½	18¾	12	+ 52.0*
SAVO	Savoy Industries Inc	10876	3/16	¼	⅜	⅜	. . . .
SAVOP	Savoy Industries Inc Pfd	105	⅜	⅜	⅜	⅜	+ 100.0*
SAXO	Saxon Oil Co (M)	145238	10¼	9/16	¾	10¼	— 92.6
SXNP	Saxton Products Inc	145	4	2½	3	3	. . . .
SOCR	Scan Optics Inc (M)	32167	10⅜	4¼	8¼	5½	+ 50.0
SOCRU	Scan Optics Inc Uts	1998	26½	10⅜	20½	14¼	+ 43.8
SOCRW	Scan Optics Inc Wts	11472	5⅜	2	4¼	2⅞	+ 47.8
SCFM	Scanforms Inc	1571	2	⅛	⅜	1⅛	— 50.0
SCRLF	Sceptre Resources Ltd	12186	6⅞	3⅜	4⅜	4⅜	+ 15.1*
SHAA	Schaak Electronics Inc (M)	11256	6¼	3	4⅜	5¼	— 16.6
WINE	Shagrins Inc	6457	3½	1½	2	1½	+ 33.3
SYDMF	Scheer Energy Dev Corp	5046	⅜	3/16	3/16	⅜	— 70.0
SCHC	Scherer (RP) Corp			See Page 14			
SCHL	Scholastic Inc (M)	2567	17⅜	7¼	15½	9⅞	+ 58.9
SHLM	Schulman (A) Inc (M)	4781	25½	13¼	25½	15⅞	+ 61.9†
SWAR	Schwartz Brothers Inc	798	2¼	1½	2¼	2½	— 10.0
SCIXF	SciTex Corp Ltd (M)	22502	27¼	11¼	24½	14⅜	+ 70.4
SIDY	Science Dynamics Corp	8515	6¼	1⅜	6⅜	1⅜	+ 333.3
SCTX	Scientex Corp	40833	2⅜	1 3/16	1 3/16	2½	— 27.5
SCIE	Scientific Computers Inc (M)	10776	13¼	6¼	11	8¼	+ 33.3
SCIT	Scientific Inc	1849	18	8½	18	10¼	+ 75.6
SCND	Scientific Industries Inc	1214	2⅞	⅝	1½	2⅜	— 47.8
SILA	Scientific Labs Inc	297495	¼	1/16	3/16	⅛	+ 50.0
SCRD	Scientific Radio Systems Inc (M)	1559	7¼	3¾	4	5¾	— 30.4
SSFT	Scientific Software Corp (M)	19086	15¾	7	12	13¾	— 12.7
SMLS	SciMed Life Systems Inc	9614	12½	4½	12½	6½	+ 92.3
SCPE	Scope Inc (M)	11287	15	1¼	4	13¼	— 69.8†
SKOR	Score Exploration Corp	103134	5/32	1/32	1/32	3/32	— 66.6
SCTI	Scott Instruments Corp (M)	33092	4¼	1⅜	2⅜	2⅜	— 13.6
SCOTF	Scottie Gold Mines Ltd Cl A	2019	5⅛	1⅜	3⅜	4⅜	— 21.0
SLIQ	Scotts Liquid Gold Inc	22718	¾	9/16	½	11/16	— 27.2
SSCN	Scotts Seaboard Corp	571	2¼	⅝	1½	1¾	— 14.2
SCRP	Scripps-Howard Broadcasting Co (M)	3304	26¾	16¾	23¼	21¼	+ 9.4
SCPT	Scripto Inc	7299	2⅜	1½	2 5/16	2¼	— 2.7
SEAG	Sea Galley Stores Inc (M)	45394	10⅜	5⅜	7⅜	7¼	+ 1.7
SGAT	Seagate Technology			See Page 14			
SGULF	Seagull Resources Ltd	934	3½	1⅜	1⅜	3½	— 46.4
SEAK	Seahawk Oil International Inc	6273	3⅛	1¼	2⅜	1⅜	+ 40.0*
SEAKW	Seahawk Oil International Inc Wts	1154	⅛	1/16	¼	⅜	— 33.3*
SEALA	Seal Fleet Inc Cl A (M)	9047	3⅜	1⅜	2	3⅛	— 36.0
SINC	Seal Inc	904	3	⅝	2	⅞	+ 128.5
SRCH	Search Natural Resources Inc	31608	1⅛	3/16	1/16	1	— 56.2
STSB	Seattle Trust & Savings Bank (M)	2137	23⅜	17	20½	21⅜	— 5.7
SEWY	Seaway Food Town Inc (M)	1796	12½	8	11½	10⅜	+ 6.9
SNCO	Second National Corp	792	13	8½	11¼	12¼	— 8.1
SAFE	Security American Financial Enterprises Inc	621	6¾	4½	6¼	4⅜	+ 42.8†
SECB	Security Bancorp Inc (M)	2938	17⅜	12⅜	16	14¼	+ 12.2
SLIC	Security Life Ins Co of Ga (M)	4347	20	13½	16¼	14	+ 16.0
SNYK	Security NY State Corp (M)	2811	17⅜	12¼	17¼	13⅜	+ 26.6†
SNYPA	Security NY State Corp Pfd Series A	23	62	56	61	56	+ 8.9*
SYNPB	Security NY State Corp Pfd Series B	57	18	16¼	17½	16¼	+ 7.6*
STAG	Security Tag Systems Inc	60315	7⅜	1	7⅛	1 3/16	+ 500.0*
SEGA	Sega Enterprises Inc	4197	11¼	4½	6	7⅜	— 22.5
SBIG	Seibels Bruce Group Inc (The)			See Page 15			
SDAT	Seisdata Services Inc	5584	1⅜	1/32	¼	1⅜	— 81.8
SEME	Semicon Inc (M)	4376	6¼	3¾	5½	6¼	— 12.0
SNCA	Seneca Oil Co (M)	51497	8½	2	3⅜	7⅜	— 53.9
SNSR	Sensormatic Electronics Corp			See Page 14			
SNSRG	Sensormatic Electronics Corp Dbs	539	172	98¾	168½	99½	+ 69.3
SNTC	Sentry Mfg Co	771	2	⅞	⅞	1⅜	— 57.1
SEPX	Separex Corp	3498	3⅛	⅞	1⅜	3⅛	— 40.0
SSSI	Servamatic Solar Systems Inc	36763	1 3/16	9/16	1 1/16	¾	+ 41.6*
SERF	Service Fracturing Co (M)	12713	16¾	3½	5¼	16¾	— 68.6
SMCH	Service Merchandise Co Inc			See Page 14			
SMCHG	Service Merchandise Co Inc Dbs	70	162	105	162	106½	+ 52.1*
SMAS	Servicemaster Industries Inc (M)	40730	42½	23½	42	27¾	+ 51.3
SRVI	Servico Inc (M)	7822	13	6⅝	11¼	7¾	+ 45.1†
QPON	Seven Oaks International Inc (M)	20346	9¼	3⅜	9⅛	4¼	+ 114.7
SVIL	Seville Energy Corp	26588	⅜	1/32	1/16	⅜	— 83.3
SHAN	Shannon Oil & Gas Inc	43728	1 3/16	⅛	3/16	1 3/16	— 89.6
SMED	Shared Medical Systems Corp			See Page 15			
SHYDF	Sharon Energy Ltd	4238	⅜	1/16	1/16	⅜	— 33.3
SHAT	Shatterproof Glass Corp	482	7½	3	7½	4½	+ 66.6
SHAS	Shawmut Corp (M)	30775	40½	23	33½	27¾	+ 20.7
SHEL	Sheldahl Inc (M)	13582	10¾	6¼	8¼	10⅜	— 22.3
SOGLF	Shelter Oil & Gas Ltd	928	1⅜	⅜	3/16	1 3/16	— 53.3
SHRW	Sherwood Diversified Services Inc	392	3⅜	2½	2⅜	2¾	+ 4.5
SHAH	Shire National Corp	180	2⅜	1¼	2⅛	2⅜	— 22.7
SHSDY	Shiseido Co Ltd ADR	36	21⅜	15¼	21⅜	19	+ 12.5†
SHON	Shoney's Inc			See Page 15			
SHGO	Shop & Go Inc (M)	15686	9¾	7	8½	8⅜	+ 1.4†
SHOP	Shopsmith Inc (M)	2803	3¼	3	4½	9¼	— 51.3
SHOR	Shorewood Corp (M)	473	15	8	12	13½	— 11.1
SBON	Siboney Corp (M)	28192	1	3/16	⅜	1	— 62.5
SERE	Sierra Research Corp (M)	12389	28½	8¼	28½	13¼	+ 115.0
SRES	Sierra Resources Inc	15729	3/32	1/32	⅛	⅛	. . . .
SIAL	Sigma-Aldrich Corp (M)	8325	40½	25	40¼	30½	+ 31.9†
SIGR	Sigma Research Inc	2019	6⅜	5½	6⅜	6⅜	— 3.7*
SGMA	Sigmaform Corp (M)	12484	16	9	14	11⅜	+ 21.7
SGMOA	Sigmor Corp Cl A (M)	19973	18	9¼	17⅛	15¼	+ 12.2
SEPI	Silicon Electro-Physics Inc	1818	2¾	1	1½	2½	— 40.0
SILN	Silicon General Corp	7163	26	10½	25	13½	+ 85.1
SLCN	Silicon Systems Inc (M)	29320	11½	6⅜	10½	6⅜	+ 52.7
SILI	Siliconix Inc (M)	17395	24¾	11½	17¾	21¼	— 16.4
SLTC	Siltec Corp (M)	24799	14	7½	9⅜	9	+ 5.5
SECGF	Silver Eureka Corp	5345	2¼	3/16	1⅜	1	+ 75.0
SILV	Silver King Mines Inc (M)	79368	5 1/16	1⅜	5⅜	2½	+ 125.0
SSMC	Silver State Mining Corp	215568	⅝	¼	3/32	1/32	+ 66.6
SSMCW	Silver State Mining Corp Wts	12128	3/32	1/32	1/32	1/16	— 50.0
SLVRF	Silverado Mines Ltd	13936	2	3/16	1⅜	1⅜	+ 15.3
SLVY	Silvey Corp (M)	949	12¾	9¾	12¾	10¼	+ 24.3
SMKR	Sim-Kar Lighting Fixture Co Inc	1397	11½	6	11¼	10	+ 12.5
SMPS	Simpson Industries Inc (M)	22675	16¼	9¼	16¼	11	+ 47.7
SOSI	Sippican Ocean Systems Inc (M)	18684	14⅜	6¼	14⅜	8	+ 82.8
SIRC	Sirco International Corp	347	4⅜	3¼	4⅜	3¾	+ 20.0
SIZZ	Sizzler Restaurants International Inc	14363	26⅛	16¼	22⅛	17	+ 32.3*
SKIP	Skipper's Inc (M)	5855	8	4¼	7¼	6½	+ 11.5

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
SLAT	Slater Electric Inc	802	7	4	6⅛	6⅛	. . . .
SLBR	Slaughter Brothers Inc	529	4⅝	2¼	4⅛	2⅝	+ 63.6
SLON	Sloan Technology Corp	1548	3⅞	1	2⅝	1⅝	+ 64.2
SFDS	Smithfield Foods Inc (M)	5015	7⅜	4⅜	7¼	5¾	+ 26.0
SNEL	Snelling & Snelling Inc	816	5	2½	4½	4½	. . . .
SOCI	Society Corp (M)	11239	24½	14¼	22¼	18	+ 23.6
SOFT	Softech Inc (M)	15288	33	10⅜	28¾	17	+ 69.1
SAGA	Software AG Sys Group Inc (M)	39573	15	5	10½	13	— 19.2
SLRN	Solaron Corp	38228	⅝	1/16	5/32	3/16	— 10.0
SLDQC	Solid State Technology Inc	27366	1 1/16	½	11/16	1 3/16	— 42.1
SLDN	Solidyne Inc	1566	6¼	2⅝	5⅜	3⅜	+ 59.2
SOLN	Solon Automated Svcs Inc (M)	2142	21½	10⅜	21½	11¼	+ 91.1
SOLV	Solv-Ex Corp	114585	7¾	1 1/16	4⅜	2¼	+ 105.5
SNSTZ	Sonesta International Hotels Corp (M)	2879	15½	8½	15	10¾	+ 39.5
SONO	Sonoco Products Co (M)	11914	32⅜	21	32⅜	24¼	+ 35.0
SNMA	Sonoma Vineyards Inc (M)	14410	13	6½	9½	7⅝	+ 20.6
SFOK	Sooner Federal S&L Assn (M)	21957	17⅜	5½	16½	10½	+ 57.1
PORK	Sooner State Farms Inc	657	1 3/16	1	1 3/16	1	+ 18.7*
SORG	Sorg Printing Co Inc (M)	7751	5⅛	2¼	4	5⅛	— 21.9
SPBGY	Sotheby Parke Bernet Group Ltd	45201	8¾	4⅝	8 1/16	7⅝	+ 5.7
SOAFQ	South Atlantic Financial Corp	1559	2¼	1⅛	1⅝	1⅛	+ 44.4*
SCNC	South Carolina National Corp (M)	7091	33¾	23⅛	32¾	26	+ 25.9
SFOGD	South Fork Oil & Gas Co	19011	3⅜	½	⅝	2½	— 75.0*†
STBCP	Southeast Banking Corp	185	79	50½	73	66	+ 10.6
SOXP	Southeast Exploration Corp	6793	⅝	1/16	1/8	9/16	— 77.7
SENB	Southeast National Bancshares of Pennsylvania (M)	1544	43	32	42⅜	30½	+ 40.1†
SMGS	Southeastern Michigan Gas Enterprises Inc (M)	2304	13	11	12½	11⅜	+ 6.3
STBN	Southern Bancorp Inc (M)	4253	15¼	10	12	11¾	+ 2.1
SBTQC	Southern Biotech Inc	2604	3⅜	1/16	1/8	3⅜	— 86.6
SWTR	Southern Calif Water Co (M)	5616	13	10⅜	13	11½	+ 13.0
SFLM	Southern Film Extruders Inc	473	1½	½	1¼	¾	+ 66.6
SHOS	Southern Hospitality Corp	3868	3⅜	1	3⅜	1¼	+ 170.0
SNAT	Southern National Corp (M)	2576	24½	21	24¼	21¾	+ 11.4
SPPTY	Southern Pacific Petroleum NL	105283	3/32	1/16	1/32	3/32	— 64.5
SSLIA	Southern Security Life Insurance Co Cl A	1009	2⅛	1½	1⅝	1⅞	— 13.3
SULF	Southern United Life Ins Co	1317	6	5¼	5⅜	5⅝	+ 6.9
SCII	Southland Capital Investors Inc	3883	1 5/16	¾	1 5/16	⅞	+ 35.7*
SLEC	Southland Energy Corp	1586	2	¾	2	2	. . . .
SFIN	Southland Financial Corp (M)	50286	21⅜	11⅞	18	20⅛	— 11.1
SOTR	Southtrust Corp (M)	11114	15⅛	10¼	15	11¾	+ 27.6
SOBK	Southwest Bancorp (M)	3007	5⅜	3⅜	3¾	5⅜	— 30.2
SWES	Southwest Leasing Corp (M)	1456	8	4	5	4¾	+ 5.2
SWEL	Southwestern Electric Service Co (M)	935	20½	12½	20½	13	+ 57.6
SOVR	Sovereign Corp (M)	69793	10½	6¼	9½	7	+ 35.7†
SMLI	Space Microwave Labs Inc	8905	5⅜	2¼	3½	4½	— 22.2*
SPLKA	Spacelink Ltd Cl A	2175	⅜	3/16	3/16	9/16	— 66.6
SPLKU	Spacelink Ltd Uts	5225	1⅞	⅜	⅜	1⅜	— 72.7
SPNG	Spang Industries Inc (M)	674	16	10	16	11½	+ 39.1
SPTN	Spartan Mfg Corp	7943	2⅛	¾	1⅝	2	— 18.7
SPRH	Spearhead Industries Inc	2202	3⅜	1	1½	3½	— 57.1
SSII	Specialized Systems Inc (M)	23474	3½	⅝	1 1/16	3⅜	— 50.0
SPCM	Specialty Composites Corp	1350	2½	1⅛	1½	2	— 25.0
SPDY	Spectradyne Inc (M)	31212	19¼	11¼	12¼	12¾	— 3.9
SPEC	Spectrum Control Inc (M)	32422	9¾	5¼	9	5¾	+ 56.5
SPTM	Spectrum Labs Inc	2937	1⅞	⅜	1⅞	1⅛	+ 66.6
SPTMU	Spectrum Labs Inc Uts	4397	2⅛	1	2	1⅝	+ 23.0
SPTMW	Spectrum Labs Inc Wts	773	⅜	1/16	1/16	3/16	+ 33.3
SPER	Sperti Drug Products Inc	1698	3½	1⅛	2½	3⅜	— 37.0
SPEX	Spex Industries Inc	1953	9¾	4⅜	8½	6	+ 41.6
SPRL	Spiral Metal Co Inc (M)	2238	1⅛	⅛	⅛	1¼	— 60.0
SQAI	Square Industries Inc	1729	9	2⅛	8⅝	4	+ 109.3*
SGOLY	St Helena Gold Mines Ltd ADR	24748	46	16⅜	44⅛	31	+ 42.3
STJM	St Jude Medical Inc (M)	21757	28¼	15¼	26	17¼	+ 50.7
STLO	St Louis Steel Casting Inc	459	8⅜	5¼	6	7½	— 20.0
STPL	St Paul Companies Inc (The)			See Page 14			
STAF	Staff Builders Inc (M)	24343	9	5¼	8¼	8⅝	— 4.3
STKUF	Stake Technology Uts	11006	2¼	⅛	⅜	2¼	— 72.2
STMAF	Stampede International Resources Inc Cl A	16137	3⅜	1⅜	1⅜	3	— 441.6
SWMC	Stan West Mining Corp	3267	5	1⅜	3⅜	5	— 32.5
STNA	Stanadyne Inc (M)	13250	38⅜	21	34	38¼	— 12.2
STBD	Standard-Bred Pacers and Trotters Inc	8109	5⅜	2¼	5¾	3	+ 91.6
STOB	Standard Commercial Tobacco Co	982	18½	11	16½	11⅜	+ 41.9†
STDE	Standard Energy Corp	31793	6 1/16	1¼	4½	2⅞	+ 56.5
SHAV	Standard Havens Inc (M)	1784	7⅜	2½	6¼	3½	+ 78.5†
STDL	Standard Logic Inc	29122	6⅜	3	4½	6	— 25.0
STDLU	Standard Logic Inc Uts	919	16	6¾	9½	15	— 36.6
STDLW	Standard Logic Inc Wts	3306	3⅜	½	⅞	3⅛	— 72.0
SMSC	Standard Microsystems Corp			See Page 15			
SREG	Standard Register Co (The) (M)	4785	72	32¼	69	34⅜	+ 98.5
SDUN	Standun Inc (M)	8351	8¼	5	7⅜	7⅜	+ 5.0
STGH	Stang Hydronics Inc	371	8⅜	6½	7½	8¼	— 14.2
STHMK	Stanhome Inc (M)	5047	40	28½	39	30	+ 30.0
STKC	Stanwick Corp (The)	3427	2⅜	⅞	2⅜	1½	+ 58.3
SDYN	Staodynamics Inc	8613	3⅜	1⅜	3	2⅜	+ 14.2
STBR	Star Brite Corp	3762	5/16	⅛	⅛	3/16	— 33.3
SDMI	Star Dust Mines Inc	21821	⅛	1/32	1/32	⅛	— 75.0

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
STCO	Star-Glo Industries Inc	1149	3⅜	2⅛	3⅛	3⅜	— 13.3
STBK	State Street Boston Corp (M)	35669	58⅜	30⅜	55⅛	30⅞	+ 78.9†
SEXLF	States Exploration Ltd	367	1⅜	⅝	1 1/16	1⅛	— 15.0*
SSECF	Stateside Energy Corp	496	⅛	1/16	1/16	⅛	+ 33.3*
STTG	Statesman Group Inc (The) (M)	10892	7⅜	4⅛	7	5⅜	+ 19.1†
STAK	Steak n Shake Inc (M)	10974	4⅜	2½	3 5/16	2 11/16	+ 32.5
SMFG	Stearns Mfg Co Inc	1433	4¼	2	3¼	2½	+ 30.0
STHR	Stecher-Traung-Schmidt Corp (M)	1933	9¼	6½	9	6¾	+ 33.3
STGR	Steiger Tractor Inc (M)	15857	8⅜	5⅜	7⅜	7¼	+ 5.1
SOOK	Sterling Oil of Oklahoma Inc	8491	1/16	1/16	⅛	⅛	— 50.0
PIPE	Sterling Pipe & Supply Co (M)	11718	9⅜	1	1¼	9⅜	— 86.6
STRS	Sterling Stores Co	646	3¼	2⅜	3¼	2¾	+ 18.1
SLTG	Sterner Lighting Sys Inc (M)	13442	8½	4	7¼	4⅞	+ 48.7†
SISC	Stewart Information Services Corp (M)	4976	38⅜	18¼	38½	24	+ 60.4
STEW	Stewart Sandwiches Inc (M)	3493	3⅜	2¼	2⅜	2⅜	— 4.3
SSSS	Stewart & Stevenson Services Inc (M)	20702	20¼	10¼	11⅜	20¼	— 42.5†
STKR	Stocker & Yale Inc (M)	3138	12	6½	11⅜	11	+ 6.8
STKM	Storm King Mines Inc	27414	4¼	1⅜	2¼	3¾	— 40.0
STATA	Strata Corp Cl A	512	13½	10¼	10¼	10⅝	— 5.7*
STRW	Strawbridge & Clothier (M)	2235	35¼	21½	33½	23⅞	+ 40.3†
STRP	Striker Petroleum Corp	110751	1 1/16	⅛	3/32	1⅛	— 86.1*
STOG	Struthers Oil & Gas Corp (M)	2909	7½	¼	½	7¼	— 93.1
STRY	Stryker Corp (M)	23178	27⅛	13	21⅜	16⅛	+ 34.6†
STUH	Stuart Hall Co Inc	7657	4½	1⅜	3½	2	+ 75.0
STRM	Sturm Ruger Co	5166	24	16¼	20¼	17⅜	+ 14.0
SBRU	Subaru of America Inc (M)	64478	79¼	29	66	39¾	+ 66.0
SALI	Suburban Airline Inc	1823	3⅜	2¼	3¼	2½	+ 30.0
SUBC	Suburban Bancorp (M)	9524	24	16½	21⅞	18⅝	+ 17.4
SKISU	Sugarloaf Mountain Corp Uts	0	11⅜	11½	11⅜	11¾	. . . .
SUMI	Sumitomo Bank of California (M)	1299	13	8¾	12¼	12¾	— 3.9
SUMA	Summa Medical Corp	121461	9⅜	3	7½	4	+ 87.5†
SUMCA	Summer & Co Cl A	697	4½	2⅜	3	4¼	— 29.4
SUBN	Summit Bancorp (The) (M)	2629	27¼	18¾	26⅝	19	+ 40.7
SUBNP	Summit Bancorp (The) Pfd Cl A	1122	27½	19	27½	19½	+ 41.0
SOCO	Summit Oilfield Corp (M)	3244	8	1⅜	1⅜	8	— 78.1
SMITU	Summit Petroleum Corp Uts	102086	3/32	1/32	1/32	1/16	— 50.0
SECC	Sun Equities Corp	392	1⅛	⅛	1⅛	⅞	+ 28.5
SUNX	Sunbelt Exploration Inc	104376	⅛	1/32	1/32	1/16	— 50.0
SUNY	Sunergy Communities Inc	38824	3⅜	1	3⅛	1⅝	+ 100.0
SOIL	Sunlite Oil Co of Delaware (M)	14336	5½	2⅜	3⅜	4⅜	— 20.5*
SNRSA	Sunrise S&L Assn of Fla Cl A	4248	15½	5	14½	5	+ 190.0†
SNRSU	Sunrise S&L Assn of Fla Uts	504	20⅜	5⅞	20⅜	6⅛	+ 238.7†
SNRSW	Sunrise S&L Assn of Fla Wts	2758	1 1/16	1	10⅛	1⅛	+ 800.0
SUNF	Sunstar Foods Inc	7655	4	1½	3⅜	1⅜	+ 114.2
SUNTC	Suntec Systems Inc	4677	⅞	⅜	⅞	⅜	+ 16.6
SSKY	Super Sky International Inc	13004	17⅛	11⅛	16⅜	13	+ 27.8*
SUPE	Superior Electric Co (The) (M)	4657	8⅜	6½	6⅛	7¼	— 5.1
SUPF	Superior Foods Inc	328	3	2	2½	3	— 16.6†
SMIC	Superior Mfg & Instrument Corp	1417	8⅛	3¾	6½	3¾	+ 73.3*
SUPD	Supradur Mfg Corp	967	11	3¼	4	7½	— 46.6
SEQP	Supreme Equipment & Systems Corp (M)	13513	13¼	6½	13	8	+ 62.5
SURV	Survival Technology Inc (M)	6526	16¼	8	13½	8¾	+ 54.2
SWANY	Swan Resources Ltd ADR	21218	2/32	1/32	3/32	1/16	— 59.0
SWTN	Swanton Corp (M)	3364	11¼	3½	7½	7	+ 7.1
SWED	Swedlow Inc	1300	12½	7	7	11	— 36.3
SWFT	Swift Energy Co	3939	4	2⅛	2⅝	3⅞	— 32.2
SXCO	Switchco Inc	35097	11½	2⅛	9⅜	7	+ 33.9
SYKE	Sykes Datatronics Inc			See Page 14			
SYMK	Sym-Tek Systems Inc	3324	13½	6	10	8	+ 25.0
SMBL	Symbol Technology Inc (M)	24212	9⅝	4⅝	8⅜	5⅜	+ 65.1
SMBLU	Symbol Technology Inc Uts	691	14¾	5¾	13¾	8	+ 71.8
SMBLW	Symbol Technology Inc Wts	4000	5⅜	1⅜	5	3	+ 66.6
SCOR	Syncor International Corp (M)	13517	8¼	3	7¼	3⅛	+ 128.0
SCORZ	Syncor International Corp Wts	4299	6	1¼	5⅜	1⅝	+ 230.7
SCGA	Synergistic Communications Group Inc	2251	8⅜	2⅜	7⅜	2⅜	+ 169.5†
SYNE	Syntech International Inc (M)	33731	8¼	2	6⅜	3⅜	+ 100.0
SYNEU	Syntech International Inc Uts	912	18	5	16	8¼	+ 93.9
SYNEW	Syntech International Inc Wts	11106	3½	¾	2⅜	1¼	+ 110.0
STRX	Syntrex Inc	64388	13⅜	5⅜	9⅜	10¼	— 3.7*
SYRA	Syracuse Supply Co	546	20¼	16	16⅜	20¼	— 17.2
SCON	Syscon Corp	8830	20	6¼	15	9¼	+ 62.1
SCTC	Systems & Computer Technology Corp	34704	24⅜	19	22½	21¼	+ 5.8*
SYSM	System Industries Inc (M)	47949	18½	5¼	10	18⅜	— 46.3
SYSG	Systematics General Corp (M)	5289	8½	2⅛	8	3¼	+ 146.1
SYST	Systematics Inc (M)	19283	38¼	15¼	35⅜	20¼	+ 76.5
T TCAT	TCA Cable TV Inc	8533	14¼	7⅜	12¼	8⅜	+ 42.0*†
TICI	TIC International Corp	3929	3/16	⅛	3/16	⅛	+ 125.0
TMDC	TIME-DC Inc	2447	1⅜	⅛	⅝	1⅛	— 22.2
TMDCP	TIME-DC Inc Pfd	503	1⅜	¾	1	1½	— 33.3
TONM	TONM Oil & Gas Expl Corp	69158	1/16	3/32	3/32	1/16	— 73.0
TPCC	TPC Communications Inc	6921	3⅜	1⅛	1⅛	2⅛	— 29.4
TPEX	TPEX Exploration Inc	26638	⅛	3/32	3/32	⅛	— 68.7
TRCC	TRC Companies Inc	240	4	2¼	2¼	4	— 43.7
TRPX	TRP Energy Sensors Inc	17034	4⅜	1½	4¼	1⅝	+ 161.5
TRVMF	TRV Minerals Corp	29522	3⅜	1¼	2⅜	3⅜	— 26.6
TSCC	TSC Corp	1367	3	1¼	2	1¾	+ 14.2
TSII	TSI Inc (M)	6819	17⅜	7⅜	17⅛	7⅜	+ 122.5
TVIE	TVI Energy Corp	20700	3¾	1⅛	3½	1 1/16	+ 143.4
TVIEZ	TVI Energy Corp Wts	13801	2¼	⅜	2¼	⅜	+ 350.0

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
TACC	Taco Charley Inc	702	1⅞	⅝	1⅝	1¼	+ 33.3
TVIV	Taco Viva Inc	5383	12¼	9	11¾	10⅝	+ 9.3*
TLOVF	Talos Industries Inc	19288	5⅝	2⅜	3 11/16	5¼	— 29.7*
TPAX	Tampax Inc			See Page 14			
TNDM	Tandem Computers Inc			See Page 14			
TCOR	Tandon Corp			See Page 14			
TANO	Tano Corp	10466	13⅜	8⅜	11½	9¼	+ 24.3*
TOGS	Targa Oil & Gas Inc	29465	15/16	9/32	⅜	15/16	— 60.0
TOGSW	Targa Oil & Gas Inc Wts	2177	¼	1/16	1/16	3/16	— 66.6
TOGI	Target Oil & Gas Inc	64932	7/32	1/16	1/16	⅛	— 50.0
TAROF	Taro-Vit Chemical Inds Ltd	1190	3¾	⅜	1⅜	⅜	+ 150.0*
TAUR	Taurus Oil Corp	36489	1/8	1/32	1/16	1/8	— 87.5
TAREF	Taurus Resources Ltd	1323	1⅝	¼	1⅝	1⅝	+ 18.1
TAYD	Taylor Devices Inc	4487	6½	2⅜	5⅞	3⅜	+ 58.6†
TREN	Taylor Rental Corp (M)	6129	9	3⅜	6½	5⅜	+ 13.0
TEAM	Team Inc (M)	15563	15¼	3½	3⅜	15¼	— 75.4
TECN	Technalysis Corp	2337	21½	7	16	7½	+ 113.3
TECK	Technodyne Inc	3773	2½	1¼	2½	1⅜	+ 42.8
TCII	Technology for Communications International (M)	23931	27½	10⅜	24	16¼	+ 47.6*
TNLG	Technology Inc	1996	6½	3⅜	5¼	4¼	+ 23.5†
TMKT	Technology Marketing Inc	4252	3½	1⅜	2⅜	3	— 20.8
TSCI	Techscience Industries Inc	10606	⅝	¼	⅜	7/16	— 14.2
TECH	Techtran Industries Inc (M)	5008	4⅜	2¼	4⅜	4⅜	+ 5.7
TCTL	Tectel Inc	1893	3	2¼	2⅜	2⅜	+ 10.5*
TCTLU	Tectel Inc Uts	1459	7½	5	6¾	5⅝	+ 20.0*
TCTLW	Tectel Inc Wts	751	1½	½	1⅛	⅜	+ 50.0*
TECU	Tecumseh Products Co (M)	4208	79	52½	79	62	+ 27.4
TPLPZ	Teeco Properties LP (M)	1677	1½	1	1 1/16	1 1/16	+ 21.0
TCOMA	Tele-Communications Inc Cl A			See Page 14			
TCOMB	Tele-Communications Inc Cl B (M)	5180	27¼	14¼	27	18½	+ 45.9
TLCO	Teleco Oilfield Services (M)	32972	15¾	8	14½	15	— 3.3
TELE	Telecom Plus International Inc			See Page 15			
TLCN	Teleconcepts Corp	12011	41½	7	35	8⅝	+ 305.7†
TCRD	Telecredit Inc (M)	31571	38½	12½	33¼	19⅜	+ 68.3
TFONY	Telefonos de Mexico SA ADR	538964	1⅝	½	1/32	1⅝	— 71.6†
TLMT	Telemation Inc	859	5¼	2	4¾	2⅛	+ 123.5
TELC	Telemetry Controls Inc	3774	2⅛	⅝	⅞	1½	— 41.6
TPIX	Telepictures Corp			See Page 15			
TPIXW	Telepictures Corp Wts	5633	10	2⅜	7⅝	4½	+ 84.8
TLRT	Telerent Leasing Corp (M)	3496	8⅞	5½	6½	5⅝	+ 15.5
TSPH	Telesphere International Inc (M)	49836	21	7⅜	16	15¾	+ 1.5
TSPHV	Telesphere International Inc	90	10½	9¾	10⅝	10¼	+ 1.2*
TLTK	Teletek Inc	59897	9/32	7/32	1/16	5/16	
TLAB	Tellabs Inc (M)	27493	28¼	15¾	25	24½	+ 2.0
TSTR	Telstar Corp	476161	⅝	⅛	5/16	9/32	+ 100.0*
TEMP	Temp-Stik Corp	284714	21/32	9/32	13/32	⅜	— 35.0
TMPL	Templeton Energy Inc (M)	45209	8	3⅜	3⅞	7	— 44.6
TMTX	Temtex Industries Inc (M)	3496	7¼	2½	7	4¼	+ 64.7
TANT	Tennant Co (M)	8789	19½	13¼	19½	16¾	+ 16.4
TOFF	Tenneco Offshore Inc (M)	57720	8½	3½	7¼	3⅝	+ 87.0
TENN	Tennessee Natural Gas Lines (M)	2880	10½	8⅝	10⅝	8¾	+ 18.5
TEVA	Tennessee Virginia Energy Corp	1471	7¼	5⅜	7¼	6¼	+ 16.0
TRRA	Tera Corp	23096	28⅜	12¾	24½	15⅞	+ 54.3*
TERM	Terminal Data Corp (M)	27148	19¼	8½	16	13	+ 23.0
TMEXF	Terra Mines Ltd	15421	5⅛	1 1/16	5 1/16	2⅛	+ 113.1†
TERA	Terramar Corp	1330	1⅜	9/16	9/16	⅞	— 64.2
TPET	Terrapet Energy Corp	152905	9/32	1/32	3/32	1/32	+ 200.0
TECO	Tesco American Inc	132699	6 1/16	1	2 1/16	1⅜	+ 26.9†
TDSC	Tesdata Systems Corp (M)	12668	7⅜	3	5⅜	7¼	— 18.9
TTRA	Tetra Systems Inc	60736	1/32	⅛	9/32	¼	+ 12.5
TEVIY	Teva Pharmaceuticals Industries Ltd ADR	1528	10½	5	8	10⅜	— 22.8*†
TARI	Texas American Resources Inc (M)	10372	2¼	3/16	1/16	2⅛	— 88.2
TEOC	Texas Eagle Oil Co	41665	3/16	1/32	1/16	3/16	— 66.6
TXEN	Texas Energies Inc (M)	8776	6¾	2⅜	3⅛	6⅝	— 50.9
TXENU	Texas Energies Inc Uts	1632	7½	2⅜	3¼	7½	— 56.6
TXENW	Texas Energies Inc Wts	3013	1¼	⅛	⅛	⅞	— 85.7
TXSL	Texas Federal S&L Assn (M)	4121	14½	6½	13¼	11¾	+ 12.7
TXOL	Texoil Inc	47072	3/32	1/32	1/32	3/32	— 66.6
TXON	Texon Energy Corp			See Page 14			
TXTN	Textone Inc	12563	13⅜	2⅝	12	2¾	+ 336.3
THRA	Theratech Inc	3953	⅜	⅛	⅛	⅜	— 66.6
THRAU	Theratech Inc Uts	1374	⅛	⅛	⅛	⅛	— 75.0
TESI	Thermal Energy Storage Inc	94936	9/32	3/32	3/16	3/16	
TESIU	Thermal Energy Storage Inc Uts	16391	1⅛	⅜	⅜	15/16	— 7.6
THMP	Thermal Industries Inc	245	6⅜	6	6⅜	6	+ 12.5
THPR	Thermal Profiles Inc	9754	6⅛	1⅛	6⅛	3¼	+ 88.4
THPRU	Thermal Profiles Inc Uts	5373	16⅛	4	16⅛	8¼	+ 98.4
THPRW	Thermal Profiles Inc Wts	6231	4⅛	⅛	4⅛	1¾	+ 135.7
TDYN	Thermodynetics Inc	21676	2¼	⅝	1½	1⅛	+ 33.3
THFR	Thetford Corp (M)	10884	6⅜	2⅜	6⅜	3	+ 112.5
TDAT	Third National Corp (M)	15660	31⅜	20¼	21⅜	21⅜	+ 1.7†
THOR	Thor Energy Corp	8242	1⅞	3/16	3/32	⅛	— 56.2
TTEC	Thoratec Laboratories Corp	7146	8⅛	3⅛	7⅛	6¾	+ 11.1
TRLS	Thousand Trails Inc			See Page 15			
TDMC	Three Dimensional Circuits Inc	3265	3/16	⅛	3/16	⅜	— 50.0
THRSQ	Threshold Technology Inc (M)	15543	7⅛	1⅛	1⅝	3¾	— 56.6
TIDE	Tide West Oil Co	139098	9/32	1/16	1/16	⅛	— 50.0*
TIRZ	Tidelands Royalty Trust (M)	2004	19	9	9¼	16	— 47.2
TIER	Tierco Group Inc (M)	1317	5¼	3	5¼	3¾	+ 40.0
TIRR	Tierra Energy Corp	10452	⅞	⅜	9/32	⅛	— 43.7
TREEZ	Timber Realization Co Uts	5150	26¼	18	24½	18	+ 36.1*
TIMB	Timberland Industries Inc (M)	3669	4⅜	2⅜	4	3⅛	+ 28.0
TIMM	Timberline Materials Inc	18127	1½	¼	5/16	1⅜	— 77.2
TIMS	Time Sharing Resources Inc (M)	9972	13	6	9¼	9	+ 2.7
TFCI	Times Fiber Communications Inc (M)	38772	24⅞	11⅜	19¼	20	— 3.7
TNSL	Tinsley Laboratories Inc	2728	10⅜	5½	7¼	6¾	+ 7.4
TIPR	Tipperary Corp			See Page 14			
TOCM	Tocom Inc (M)	44839	14	7¼	9	11¼	— 20.0
TKIOY	Tokio Marine & Fire Ins Co ADR	5165	118¼	74	106½	118½	— 10.1
TKLN	Toklan Oil Corp	10955	1/16	⅜	3/16	⅜	— 30.0*
TOLM	Toledo Mining Co (M)	17766	3	⅞	2 1/16	2⅜	— 21.4
TTCO	Toledo Trustcorp Inc (M)	6265	47¾	21½	39	26¼	+ 48.5
TTCOP	Toledo Trustcorp Inc Pfd	15	27	23	27	27	*
TROC	Toltec Royalty Corp	1047	4½	⅛	¼	4½	— 94.4
TMBR	Tom Brown Inc			See Page 14			
TOMI	Tomahawk Oil & Minerals	238000	3/32	1/32	1/16	3/16	— 66.6
TLOC	Tomlinson Oil Co Inc (M)	28501	4½	1½	1½	4½	— 66.7
TLOCG	Tomlinson Oil Co Inc Dbs (M)	165	71	40½	50	70	— 28.5
TLOCU	Tomlinson Oil Co Inc Uts	133	5	2	2	5	— 60.0
TLOCW	Tomlinson Oil Co Inc Wts (M)	5253	⅜	⅛	⅛	⅛	— 50.0
TLAM	Tony Lama Co Inc			See Page 14			
TPTR	Topps & Trowsers	7686	2⅜	⅛	1¼	⅝	+ 66.6
TOPSA	Topsy's International Inc Cl A	4456	3⅜	1⅛	3⅛	1⅜	+ 127.2†
TRGL	Toreador Royalty Corp (M)	9229	6¼	2	3	5⅜	— 47.8
TOTH	Toth Aluminum Corp	34828	3	⅜	1 5/16	⅞	+ 50.0
TGNXF	Tournigan Mining Explorations	10205	1 1/16	5/16	1⅝	1 5/16	+ 73.3
TOWRS	Towermarc SBI (M)	3395	6¾	5⅛	6¾	6¼	— 5.5
TOYOY	Toyota Motor Corp ADR	6231	9⅛	6	9⅜	8⅜	+ 11.9†
TRIN	Trans-Industries Inc	568	3⅛	2	2¼	3	— 25.0
TNLS	Trans-National Leasing Inc	1028	4⅜	2⅜	3	2⅜	+ 26.3†
TWEX	Trans-Western Exploration Inc			See Page 14			
TACT	Transact International Inc	10478	3⅛	1⅛	2¼	1⅛	+ 100.0
TSIC	Transducer Systems Inc (M)	2454	9½	4	8	6	+ 33.3
TGCO	Transidyne General Corp	2150	4	1⅛	2	4	— 50.0
TGCOU	Transidyne General Corp Uts	2055	3	2⅜	2⅜	2⅜	— 4.5*
TSEC	Transierra Exploration Corp (M)	9991	8½	1⅛	2	4½	— 52.9
TREL	Transitron Electronic Corp	23738	5½	2⅜	5⅛	3⅛	+ 64.0*
TRNS	Transmation Inc	4339	4½	1⅜	3¼	2¾	+ 18.1†
TRNT	Transnet Corp (M)	10932	3	1⅞	2⅜	3	— 20.8
TWBC	TransWorld Bancorp (M)	2039	8	5½	6¼	8	— 21.8†
TREC	Treco Inc	10092	2	1⅛	1 1/16	1 1/16	+ 34.7
TRIBF	Tri-Basin Resources Ltd	4199	2⅜	⅝	1⅜	2⅛	— 22.2
TRIC	Tri-Chem Inc (M)	9117	11½	5⅝	7¼	8⅜	— 15.9
TRSC	Triad Systems Corp			See Page 14			
TRMW	Triangle Microwave Inc	7033	12	8	10⅜	9¼	+ 16.2*
TRCO	Trico Products Corp (M)	3209	30½	17	29	23	+ 26.0
TMED	Trimedyne Inc	21951	4⅛	1¼	3⅛	2⅜	+ 19.0*
TMEDU	Trimedyne Inc Uts	15691	15¼	4¼	11	8½	+ 25.7*
TMEDW	Trimedyne Inc Wts	5895	2⅛	⅛	1¼	⅝	+ 100.0*
TRTTF	Trinity Resources Ltd	4900	10¼	6	6⅝	9⅜	— 37.9*
TRON	Trion Inc (M)	4995	14¼	7¼	13	9¼	+ 31.6†
TROU	Tround International Inc	7478	3⅜	1¼	1⅜	1 1/16	+ 42.8*
TROUU	Tround International Inc Uts	2321	5⅜	1½	2⅜	1½	+ 75.0*
TROUW	Tround International Inc Wts	4973	1 1/16	⅛	⅜	¼	+ 150.0*
TROYF	Troy Gold Industries Ltd	20884	1 1/16	⅛	3/16	⅜	+ 8.3*
TJCO	Trus Joist Corp (M)	10678	29	17¾	28½	20	+ 42.5
TRGA	Trust Co of Georgia (M)	13762	41½	26¾	37⅜	31¼	+ 20.8
TUCK	Tucker Drilling Co Inc (M)	19450	15⅜	7⅜	8⅞	15⅜	— 42.2
TULL	Tull (JM) Industries Inc (M)	1039	15½	11	13½	13¾	— 1.8
TURBF	Turbo Resources Ltd	4541	3⅜	⅜	⅛	3¾	— 86.6
TURF	Turf Paradise Inc (M)	8607	4⅜	2⅜	3⅜	4⅜	— 28.9
TBSIC	Turner Broadcasting Sys Inc	5467	19¼	8½	19	11	+ 72.7
TWTHF	20th Century Energy Corp	9294	⅜	3/16	3/32	⅛	— 56.2
TWEC	21st Century Envelope Co Inc	240	11½	6½	11	7	+ 57.1*
TCTY	Twin City Barge Inc (M)	19435	16	8¾	12	13¾	— 12.7
TYLN	Tylan Corp (M)	10094	18½	8½	16¾	9¼	+ 81.0
TYRX	Tyrex Oil Co	41198	2⅝	9/16	⅜	2	— 81.2
TYSN	Tyson Foods Inc (M)	13043	23¾	12	23½	13	+ 80.7
U UBZC	UBZ Corp	643	8¾	7¾	8¼	7¾	+ 6.4
UMCE	UMC Electronics Co	2108	6½	3½	6	4¼	+ 41.1†
UNRIQ	UNR Industries Inc	5650	2⅛	1 1/16	1 1/16	1⅛	+ 3.3*
USPTS	USP Real Estate Investment Trust SBI (M)	3646	10	6	8	10	— 20.0
USTB	UST Corp	599	33	16	31½	16	+ 96.8*
UTLC	UTL Corp (M)	30365	28½	7⅛	27	9⅜	+ 188.0
UINA	Uintah Energy Corp	252012	3/32	9/32	3/32	7/16	— 50.0
ULDY	Ultra Dynamics Corp	49198	1 1/16	⅜	1 1/16	1⅛	+ 27.7
ULTK	Ultrak Inc	44955	2⅛	⅝	1½	1⅜	— 20.0
ULTR	Ultrasystems Inc (M)	27866	17¼	5⅜	17¼	6¼	+ 176.0
UDAT	Unidata Systems Inc	3409	4⅜	3	3⅛	3	+ 4.1*
UDATU	Unidata Systems Inc Uts	9633	6	2⅛	4	3¼	+ 23.0*
UDATW	Unidata Systems Inc Wts	4553	1⅜	¼	⅜	¼	+ 250.0*
UNFI	Unifi Inc (M)	28877	13⅜	7	10⅜	12	— 15.6†
UNFIW	Unifi Inc Wts	3682	7½	3¼	4	6½	— 38.4
UNIF	Uniflex Inc	191	1⅜	1¼	1¼	1⅜	— 14.2
UNIN	Unilite Corp	982	1⅜	1⅛	1⅛	1⅜	— 40.0
RBOT	Unimation Inc (M)	23120	21¼	10⅜	19⅝	20	— 0.6
UMED	Unimed Inc (M)	12779	15⅛	6¼	13⅜	11⅜	+ 17.3
UOIL	Unioil Inc	295981	3/16	1/16	3/32	9/32	+ 66.6*
UBTA	Union Bank & Trust Co	151	27½	26	26½	27	— 1.8*
UESC	Union Electric Steel Corp (M)	1319	19¾	10¼	13	18⅜	— 30.6
UGAS	Union Gas Systems Inc	522	9	7⅜	9	7⅜	+ 16.1
UMMC	Union Metal Mfg Co (M)	1018	11	7½	8	11¼	— 28.8
UNBC	Union National Corp (M)	2840	27	21	24½	24⅜	+ 0.5†

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
UPCM	Union Planters Corp of Memphis (M)	14330	20⅛	13½	19	18¾	+ 1.3
USMA	Union Special Corp (M)	5423	14¼	10⅛	12½	11¾	+ 6.3
UTBC	Union Trust Bancorp (M)	5921	27⅜	19½	23¾	21	+ 13.0
UAEI	United American Energy Inc (M)	13684	12½	1	1¼	7⅜	— 83.8
UAEIU	United American Energy Inc Uts	149	18	8	8	10¾	— 25.5
UAEIW	United American Energy Inc Wts	6209	6⅜	1/16	1/16	2¾	— 97.8
UACI	United Artists Communications Inc (M)	36311	19¼	10¼	17	12½	+ 36.0
UBAZ	United Bancorp of Arizona (M)	10279	25¾	15	22	22½	— 2.2†
UBKR	United Bankers Inc	4478	12¼	10	10¼	11¾	— 12.7*
UBKS	United Banks of Colo Inc (M)	32635	21⅜	12⅜	15½	20½	— 24.3
UCTDA	United Cable TV of Denver Inc Cl A	3786	12¹	7¼	8¾	10⅜	— 15.6
UCANF	United Canso Oil & Gas Ltd	1469	9¾	2	3	9¾	— 69.2
UCAR	United Carolina Bancshares Corp (M)	6545	18½	11¼	17½	11½	+ 52.1†
UCBI	United Central Bancshares Inc (M)	35075	4⅝	2⅜	4 1/16	4	+ 1.5
UCIT	United Cities Gas Co (M)	2595	12¾	9¾	12½	9¾	+ 28.2
UCTC	United Counties Trust Co	188	17½	12¼	17½	12¾	+ 37.2*
UDIV	United Diversified Corp	1358	1 5/16	7/16	7/16	1 1/16	— 36.3
UESS	United Education & Software	5953	12½	8	12	10	+ 20.0*
UNET	United Energy Technologies Inc	19122	1⅞	1 3/16	1 3/16	1¾	— 32.1*
UFGI	United Financial Group Inc	64664	5⅝	1⅛	5⅛	3⅜	+ 41.3
UFCS	United Fire & Casualty Co (M)	617	34	27½	31¾	28½	+ 11.4†
UNIR	United-Guardian Inc (M)	16523	9⅛	2½	8⅝	5	+ 77.5
UHRNF	United Hearne Resources Ltd	32121	4	1¼	3⅞	3¾	+ 3.3
UGIL	United McGill Corp	510	41	29	19½	41	— 52.4†
UMSB	United Missouri Bancshares Inc (M)	3148	26¾	18⅜	23	23½	— 2.1†
UNBJ	United National Bank	272	22	18⅛	22	18⅛	+ 21.3†
UPCO	United Presidential Corp (M)	5981	6⅝	4⅛	6⅛	5	+ 22.5
USAV	United Savings Life Ins Co	528	2¼	1¾	1¾	2¼	— 22.2
USVC	United Services Life Ins Co (M)	12516	20½	11⅛	20½	15	+ 36.6
UAIRA	US Aircraft Corp Cl A	6553	⅞	¼	⅝	1/16	— 14.2
USAC	US Antimony Corp	45040	8	1⅜	7	3⅜	+ 80.6
USBC	US Bancorp			See Page 14			
USDC	US Design Corp	17915	7½	1⅛	6½	1⅞	+ 246.6
USDCU	US Design Corp Uts	8183	10	1⅜	9	2½	+ 260.0
USDCW	US Design Corp Wts	13529	2⅜	⅛	2⅜	⅛	+ 375.0
USEL	US Electricar Corp	1970	1⅛	⅜	3/16	⅜	— 25.0
USEG	US Energy Corp (M)	20164	9⅜	3¾	4⅞	4	+ 21.8
USES	US Energy Search Inc	2689	1 1/16	½	1⅛	1 1/16	+ 20.0
USEX	US Exploration Corp	130139	5/32	1/16	1/16	3/16	— 66.6
USMI	US Mineral & Royalty Corp	41312	1 1/16	1/16	1/16	1/16	— 97.5
USMX	US Minerals Exploration Co	233812	1 13/32	3/16	5/32	1⅛	— 84.0
USMRS	US Mutual Real Estate Investment Trust SBI (M)	5830	8¾	5	5	8¼	— 39.3
USOL	US Oil Co	10602	2	¼	3/16	2	— 78.1
USPC	US Playing Card Corp	4414	14	5⅜	14	7⅛	+ 96.4†
USSSS	US Shelter Corp SBI	9792	4⅛	2	3⅜	3¾	— 3.3
USUG	US Sugar Corp (M)	3619	35⅛	26	35	32½	+ 7.6
USSC	US Surgical Corp			See Page 14			
UTRK	US Truck Lines Inc (M)	11019	13⅜	9⅜	11⅜	11⅜	— 4.2
USTC	US Trust Corp (M)	22767	47½	30⅜	47¼	31	+ 52.4
USTR	United Stationers Inc (M)	8922	37½	17¾	37	21¾	+ 70.1
UTEL	United Telecontrol Electronics Inc	1446	7½	3	7¼	6⅜	+ 7.4
UTVI	United Television Inc			See Page 15			
UVBK	United Virginia Bancshares Inc (M)	14408	48¼	33½	48¼	38¾	+ 24.5
UVBKP	United Virginia Bancshares Inc Pfd Cl A	1	29	29	29	29	. . . . . *
UWST	United Western Corp	9242	4⅞	2⅜	4	4	. . . . .
UWEN	United Western Energy Corp	3154	⅝	1/16	¼	3/16	+ 33.3
UNWRF	United Westland Resources Ltd	16215	3⅜	⅞	1 1/16	3⅜	— 68.5
UNVD	United Video Inc	4243	9	5⅜	8½	8	+ 6.2†
UTOG	Unitog Co	3050	19¼	12½	18	14⅜	+ 25.2†
UNIV	Universal Energy Corp (M)	53154	9¼	2½	4½	8½	— 47.0
UFSL	Universal Federal S&L Assn	3952	17¼	11⅜	15½	12½	+ 24.0*
UNFC	Universal Fuels Co (M)	20127	2⅜	⅛	⅜	2¼	— 66.6
UHSIB	Universal Health Services Inc Cl B			See Page 15			
UMCI	Universal Money Centers Inc	21004	19	4⅞	16½	5	+ 230.0*
USEC	Universal Security Instruments Inc (M)	20393	6	1⅜	2⅜	5⅜	— 57.7
UNTL	Universal Telephone Inc	1686	9¾	3⅜	8½	3⅜	+ 120.0
UNTLA	Universal Telephone Inc Cl A	1358	7⅜	2¼	6½	2½	+ 160.0
UVOL	Universal Voltronics Corp (M)	4485	6¾	2½	6½	3¼	+ 73.3
UNNB	University National Bank & Trust Co	923	14½	10	10½	14½	— 27.5
UPAT	University Patents Inc (M)	32381	13⅜	5¾	10¼	9¼	+ 10.8
UPIC	University Properties Investment Corp	4874	4	⅝	3⅞	1¼	+ 210.0
URETS	University Real Estate Trust SBI (M)	5764	8¾	3½	5	8½	— 41.1
UPRI	Up-Right Inc (M)	7286	6½	3½	6	5⅞	+ 2.1
UPEN	Upper Peninsula Power Co (M)	2716	14¾	11½	14¼	12¼	+ 16.3
UTBN	Utah Bancorp (M)	2318	17½	13½	16¾	14¼	+ 17.5
UTMD	Utah Medical Products Inc	10324	2⅜	1⅜	2¼	1⅝	+ 38.4*
UTAH	Utah Shale Land & Minerals Corp	5657	3	1	1⅜	1¾	— 21.4
UTCA	Utica Bankshares Corp	400	23	17½	17⅞	19	— 7.8

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
V VSEC	VSE Corp	170	28	11	24	11	+ 118.1*
VTNC	VTN Corp	1497	2⅜	⅛	2	1⅜	+ 45.4
VAALY	Vaal Reefs Exploration Ltd ADR	48836	114⅜	36⅜	112¼	66 7	+ 68.7
VTSI	Vac-Tec Systems Inc	34961	1	¼	1/16	⅜	+ 10.0
VSPA	Vacation Spa Resorts Inc (M)	7008	⅛	3/16	¼	⅜	— 33.3
VDRY	Vacu-Dry Co	2886	4	2½	3⅜	3	+ 29.1
VAGA	Vagabond Hotels Inc	1706	18½	13¾	18½	14¾	+ 25.4
VAIL	Vail Associates Inc (M)	1223	16	11½	15	15	. . . . .
VALP	Valex Petroleum Inc	29584	2¼	3/16	⅜	2¼	— 66.6
VALN	Vallen Corp (M)	3985	17	11	13½	14½	— 6.8
VYBN	Valley Bancorp (M)	829	24	14½	24	17	+ 41.1
VNBP	Valley National Bank	569	48½	33¼	48½	33¼	+ 46.4†
VNCP	Valley National Corp			See Page 14			
VLAB	Valleylab Inc (M)	38039	34½	13¼	30¼	14	+ 116.0†
VALM	Valmont Industries Inc (M)	5330	16¼	6¾	10¼	16¼	— 36.9
VALT	Valtek Inc (M)	4869	6½	4⅜	5	6½	— 23.0
VAND	Van Dusen Air Inc (M)	9839	12¾	7¾	10½	11	— 4.5
VDYK	Van Dyk Research Corp (M)	1912	6	2½	3	6	— 50.0
VANS	Van Shaack & Co (M)	4174	12¾	6	9½	11¼	— 15.5
VERY	Vanderbilt Energy Corp (M)	26918	9⅝	3⅜	5½	9⅝	— 42.8
VCRE	Vari Care Inc	473	8	2½	6	2½	+ 140.0*†
VRLN	Varlen Corp (M)	8949	18¾	11¼	15	17¼	— 13.0
VJAC	Vaughan-Jacklin Corp (The) (M)	2386	12½	7¾	10¾	8½	+ 26.4
VECT	Vector Energy Corp	101031	1/16	1/32	1/32	1/16	— 50.0
VCTR	Vector Graphics Inc			See Page 15			
VELCF	Velcro Industries	10856	18½	12¾	17¼	15	+ 15.0
VBND	Velo-Bind Inc (M)	6987	10	5½	7¾	10	— 22.5
VELXF	Velvet Exploration Co Ltd	4504	1⅛	⅜	⅛	1	— 50.0*
VNTRF	Ventora Resources Ltd	26721	1 1/16	¼	1 3/16	1 1/16	+ 11.7
VTRX	Ventrex Laboratories Inc (M)	24153	11	3¼	10¼	6½	+ 57.6
VEOXF	Veronex Resources Ltd	14375	3	⅝	¾	2⅜	— 68.4
VRSA	Versa Technologies Inc	2243	16	11	13½	16	— 15.6†
VGCI	Veta Grande Cos Inc (The) (M)	23718	13¾	2¼	12¼	5	+ 145.0
ABLE	Viable Resources Inc	42572	1/32	1/16	3/32	⅜	— 41.6
ABLEU	Viable Resources Inc Uts	3583	2¼	⅝	1 3/16	2	— 59.3
VRES	Vicorp Restaurants Inc	15846	17⅜	10¼	16⅜	10⅜	+ 54.1*
VICT	Victoria Bankshares Inc	1964	27⅜	23½	23½	27⅜	— 14.9†
VSTA	Victoria Station Inc (M)	47132	11⅜	4¾	6¼	8⅜	— 26.8
VMKT	Victory Markets Inc	10855	13½	4¼	12¾	4⅜	+ 175.6†
VICA	Video Corp of America (M)	28768	10	3⅜	5¼	6⅜	— 20.7
VDEO	Video Station Inc (The)	20821	8⅞	2¼	6⅜	3⅜	+ 75.8*
VVIS	Videovision Inc	20044	3⅛	½	2⅜	1⅛	+ 111.1
VIKG	Viking Freight System Inc (M)	13378	31½	12¼	25¼	17¾	+ 42.2†
VLGE	Village Super Market Inc	98	14	5½	13½	5½	+ 145.4
VRGN	Viragen Inc	9270	5	2	2⅜	3	— 8.3*
VIRA	Viratek Inc (M)	15582	11	5¾	8	7⅜	+ 3.2
VIRGZ	Virginia International Co (M)	6099	39	25	36	28¼	+ 27.4
VNAT	Virginia National Bancshares Inc (M)	20711	23⅜	16	22¾	19¼	+ 18.1
VISRF	Viscount Resources Ltd	185	1⅛	⅛	3/16	1¼	— 65.0
VIST	Vista Resources Inc	640	22½	16½	22¼	18	+ 23.6*
VISC	Visual Electronics Corp	4250	2¼	⅜	1 1/16	1⅜	— 10.0
VSCI	Visual Sciences Inc	32263	11¼	3⅜	11⅛	3¾	+ 196.6
VSAL	Visual Technology Inc (M)	14894	17⅜	9¼	15¼	13¾	+ 15.0
VITR	Vitramon Inc (M)	6525	7⅜	4	7⅜	4½	+ 72.2†
VOGT	Vogart Crafts Corp	348	2	1¼	1¼	2	— 37.5
VOLT	Volt Information Sciences (M)	15562	31	11	28¼	18¼	+ 54.7
VRTX	Vortec Corp	4157	12	4½	4⅝	9	— 47.2*
VOYG	Voyager Group Inc (M)	29043	14½	9	10⅜	11⅜	— 7.5†
VIPLF	Vulcan Industrial Packaging Ltd	20059	7⅜	3⅜	6½	5¼	+ 23.8
VYQT	Vyquest Inc (M)	6004	5⅜	4½	4⅝	5⅜	— 9.3
W WCSX	WCS International	4241	5⅜	⅛	⅛	1 1/16	— 46.6
WDFC	WD-40 Co (M)	8372	66⅜	28½	56½	36½	+ 54.7
WACLY	Wacoal Corp ADR	68	16½	11¾	14⅜	16½	— 11.3
WALB	Walbro Corp (M)	787	8¾	5¾	8¾	6¼	+ 40.0
WALD	Waldbaum Inc (M)	5515	45½	14⅞	38½	16¼	+ 136.9†
WLKR	Walker (BB) Co	445	3⅜	2⅜	3	3⅜	— 20.0
WCOL	Walker Color Inc	1471	4	2	4	3¼	+ 23.0
WLKS	Walker-Scott Corp	1228	9⅜	6	8¾	9¾	— 10.2
WTEL	Walker Telecommunication Corp	18381	9¾	1⅛	7¼	3¼	+ 132.0
WARN	Warner Electric Brake & Clutch Co (M)	9202	15⅜	11⅛	13¼	14¾	— 10.1
WARRF	Warrior Resources Ltd	972	1¼	⅛	3/16	1	— 68.7
WECO	Washington Energy Co (M)	15075	15⅛	11⅜	14⅛	12	+ 20.8
WFSL	Washington Federal S&L Assn	17128	19⅜	13	18⅜	16	+ 16.4*
WSCI	Washington Scientific Industries Inc (M)	12491	10⅛	5	10¼	10¼	. . . . .
MATEC	Wastemate Corp	145585	3/16	1/16	⅛	⅛	. . . . .
WACO	Waterman Marine Corp (M)	5128	10¼	4	6½	7⅛	— 13.3
WTRS	Waters Instruments Inc	2600	6¼	3¼	4⅜	4	+ 18.7
WSAU	Wausau Paper Mills Co (M)	4483	7⅜	5¼	6½	6¾	— 3.7
WAVR	Waverly Press Inc	460	24	17	20½	17	+ 20.5
WVTK	Wavetek Corp (M)	28460	21¼	8½	20¼	10¼	+ 97.5
WAXM	Waxman Industries Inc	7695	4	⅜	3¾	1⅝	+ 136.3
WTHR	Weatherford (RV) Co	901	4¼	3½	3⅞	4¼	— 8.8
WBBC	Webb Co (The) (M)	5177	13	8	12¾	9½	+ 34.2†
WEDGS	Wedgestone Realty Investors Trust SBI	1343	11	10	10½	11	— 4.5*
WGHT	Weigh-Tronix Inc (M)	4466	20	10	20	13¼	+ 50.9
WEIS	Weisfields Inc	1232	17	11⅜	16¼	12¼	+ 32.6
WELB	Welbilt Corp	610	18⅛	15	18⅛	17	+ 8.8
WLKMY	Welkom Gold Mining Co Ltd ADR	51647	13¾	4⅜	13¾	10¼	+ 29.6
WNTX	Wentex International Inc	159276	3/32	1/16	3/32	3/32	— 28.5
WESPS	Wespac Investors Trust SBI	9751	11¼	8⅛	10¼	10	+ 2.5*

NASDAQ SYMBOL	SECURITY	1982 SHARE VOLUME (00 OMITTED)	1982 HIGH BID PRICE	1982 LOW BID PRICE	1982 CLOSING BID PRICE	1981 FINAL ADJUSTED INSIDE BID PRICE	PERCENT CHANGE FROM 1981
WEPC	West Chemical Products Inc (M)	1935	7¼	3⅛	4	4⅛	— 11.1
WBCC	Westbridge Capital Corp	3101	11	3⅜	9¼	3⅜	+ 151.6
WABEF	Western Allenbee Oil & Gas Co Ltd	27138	1 3/16	⅜	1 1/16	⅜	+ 216.6*
WESB	Western Beef Inc	730	1½	⅞	1⅜	1¼	+ 22.2
WCAS	Western Casualty & Surety Co (The) (M)	12217	49⅜	32⅜	46	42⅜	+ 7.6
WDEPY	Western Deep Levels Ltd ADR	52097	60⅜	16⅝	58⅜	31½	+ 85.3
WEDE	Western Development Corp	5535	1/16	1/32	1/32	1/32	
WDCL	Western Digital Corp (M)	126163	8⅛	3⅛	4⅜	6⅜	— 30.1
WDCO	Western Energy Development Co Inc	171528	1/8	1/16	1/16	1/8	— 50.0*
WGNG	Western Gold'n Gas Co	23174	2 3/16	3/16	1 5/16	3/8	+ 75.0
WGII	Western Grain International Inc	1303	2⅛	1¼	1⅝	2¼	— 38.8
WHLDY	Western Holdings Ltd ADR	25465	53⅛	20⅛	52⅛	44	+ 18.4
WMAR	Western Marine Electronics Co (M)	4337	10⅜	4⅜	8⅜	5⅞	+ 48.9†
WMRY	Western Maryland Railway Co	122	33½	23½	31½	23½	+ 34.0
WNGC	Western Natural Gas Co (M)	38125	1/32	1/16	1/16	1/32	— 42.8
WPRRA	Western Pacific RR Co Cl A	361	25	18	21	25	— 16.0
WPET	Western Petroleum Corp	13596	3/4	1/16	3/32	3/4	— 87.5
WSTN	Western Preferred Corp (M)	4880	87½	42	43	87½	— 50.8
WSTNP	Western Preferred Corp Pfd Series A	149	2½	2¼	2½	2½	
WSTNO	Western Preferred Corp Pfd Series B	266	2½	2¼	2¼	2½	— 10.0
WSTS	Western States Life Ins Co (M)	1351	13½	11¼	12½	12¼	+ 2.0
WSMP	Western Steer Mom 'n' Pop's Inc	622	11½	8	11¼	8	+ 40.6*
WTSI	Western Tar Sands Inc	6166	7/8	1/16	1/16	7/8	— 92.8
WTSIW	Western Tar Sands Inc Wts	4456	3/16	1/32	1/32	3/16	— 90.0
WSFPF	Westfort Petroleums Ltd	913	1⅜	⅜	⅛	1⅜	— 63.6
WBSA	Westlands Diversified Bancorp Inc (M)	1879	4⅛	2⅝	3	3¾	— 20.0
WMOR	Westmoreland Coal Co (M)	29138	23⅛	13½	14½	23⅛	— 37.6
WTMRF	Westmount Resources Ltd	483	1⅜	½	¾	1⅛	— 33.3
WSPTS	Westport Co (The) SBI (M)	4212	7⅛	5	6¾	5⅛	+ 31.7
WFHC	Westside Federal S&L Assn	743	13½	11	11½	13	— 11.5*
WSTW	Westwind Financial Svcs Inc	72672	3/32	1/32	1/32	1/32	
WEST	Westworld Inc (M)	3410	2½	½	1⅜	2¼	— 38.8
WESTU	Westworld Inc Uts	478	2⅝	⅝	1½	2⅝	— 42.8
WESTW	Westworld Inc Wts	2625	1/8	1/16	1/8	3/16	— 71.4
WETT	Wetterau Inc		See Page 15				
WEYS	Weyenberg Shoe Mfg Co (M)	519	35½	24	35	26	+ 34.6
WHIT	Whitman Medical Corp	3981	3⅜	1¼	3¼	3½	— 7.1
WICK	Wicklund Petroleum Corp	20451	⅜	3/16	1/4	3/16	— 20.0
WENT	Wiener Enterprises Inc (M)	1959	5⅜	3⅜	5⅜	3⅞	+ 38.7
WLDR	Wilderness Experience Inc	2382	9/16	3/16	⅜	3/16	— 14.2
WLDRU	Wilderness Experience Inc Uts	2602	1⅝	¾	1 5/16	1⅜	— 19.2
WLDRW	Wilderness Experience Inc Wts	859	3/16	1/16	1/8	5/16	— 60.0
WILLA	Wiley (John) & Sons Inc Cl A	2834	24½	18	24½	18¼	+ 34.2
WILLB	Wiley (John) & Sons Inc Cl B	1419	24¾	18	24¾	18¼	+ 35.6
WMTT	Willamette Industries Inc		See Page 15				
WPOG	Willard Pease Oil & Gas Co	3901	1⅜	⅛	3/16	⅜	— 35.7
ALWC	Williams (AL) Corp (The)	2948	30	5	22½	7½	+ 200.0*
TEWP	Williams (TE) Pharmaceuticals Inc	38897	⅛	1/32	1/16	⅛	— 50.0
WWWM	Williams (WW) Co	836	9¼	5¼	6¼	8	— 18.7
WILM	Wilmington Trust Co (M)	6103	42½	25	41	26	+ 57.6
WILF	Wilson Foods Corp		See Page 15				
WILN	Wilson (HJ) Co Inc		See Page 15				
WILNG	Wilson (HJ) Co Inc Dbs	629	127	96	127	99	+ 28.3*
WLTK	Wiltek Inc	5497	2⅜	⅜	1⅜	2¼	— 27.7
WNCO	Winco Petroleum Corp	61990	⅛	1/32	1/32	1/16	— 50.0
WNBR	Wind Baron Corp	45594	1 3/16	¼	⅜	1	— 12.5
WIND	Windsor Life Insurance Co	4120	5½	1⅝	2⅛	4	— 46.8
WDSRF	Windsor Resources Inc	6429	2⅛	3/16	½	1½	— 66.6*
WNER	Winners Corp (M)	26066	16⅝	6⅝	14⅝	8½	+ 76.9
WNST	Winston Mills Inc	1154	7¼	6¼	6¼	6¾	— 7.4*
WREIS	Wisconsin Real Estate Investment Trust SBI (M)	2983	3⅛	3⅛	3 1/16	3⅛	— 8.9
WISC	Wisconsin Southern Gas Co	922	15¼	9⅜	14	9¾	+ 43.5
WISE	Wiser Oil Co (The) (M)	12207	27⅜	13¼	17¼	41⅜	— 58.6†
WLHN	Wolohan Lumber Co (M)	12551	7⅛	3	5⅝	3⅜	+ 66.6
WOLA	Wolverine Aluminum Corp (M)	3914	10¼	5⅛	9	6⅞	+ 30.9†
WCTV	Wometco Cable TV Inc (M)	8830	13⅜	8¼	13	8¾	+ 48.5
WDBN	Woodbine Petroleum Inc	67508	⅜	3/32	3/16	1/32	— 6.6
WDHD	Woodhead (Daniel) Inc (M)	11296	10	6	9	9½	— 5.2
WOOD	Woodward & Lothrop Inc (M)	7181	35⅞	25⅞	34½	33¼	+ 3.7
WDTX	Wordtronix Inc	306	5¾	4½	4¾	5¼	— 9.5*
WORLA	Worlco Inc Cl A	6606	1⅛	¼	1	1 1/16	+ 6.6
WTHG	Worthington Industries Inc		See Page 15				
WTHGG	Worthington Industries Inc Dbs	90	117	87	113	103	+ 9.7
WREN	Wright Energy Corp	10055	5	3/16	1 3/16	5	— 83.7
WRIT	Wright (William E) Co (M)	27873	15⅛	7	11⅜	7⅜	+ 57.6
WRTC	Writer Corp (The)	4562	33	10	28	14	+ 100.0†
WULF	Wulf Oil Corp	37586	⅜	3/32	3/32	⅜	— 75.0
WYMN	Wyman-Gordon Co (M)	27270	26¼	15⅛	25⅛	21¾	+ 17.2
WRCR	Wyoming Resources Corp	245388	3/32	1/32	3/16	3/32	— 33.3
X XCORA	XCOR International Inc Cl A (M)	19334	1 1/16	¼	⅝	⅞	— 28.5
XOXO	XO Exploration Inc	32968	⅜	⅛	3/16	⅜	— 50.0
XRGI	XRG International Inc (M)	72797	5½	1⅜	2⅛	3⅝	— 45.1
XICO	Xicor Inc		See Page 15				
XICOU	Xicor Inc Uts	136	2550	940	2300	965	+ 138.3*
XIDX	Xidex Corp		See Page 15				
XOXIA	Xonics Inc Cl A	12932	6¾	4⅜	6⅜	4⅜	+ 34.2*
XPLR	Xplor Energy Corp	33557	1 3/16	3/32	3/32	1/16	— 68.1
Y YELL	Yellow Freight System Inc		See Page 14				
YORK	York Research Corp	576	3	1¼	2	2¼	— 11.1
YEMI	Youngwood Electronic Metals Inc	1367	1⅜	⅞	1¼	1⅜	— 16.6
YUBAA	Yuba Natural Res Inc Cl A	4134	6¾	1⅜	2⅜	6½	— 63.4
Z ZFSH	Z & Z Fashions Ltd	640	1½	1⅛	1½	1⅜	+ 9.0
ZENXC	Zenex Synthetic Lubricants Inc	16872	1 3/16	3/8	3/16	3/16	
ZENEF	Zenith Energy Corp	16268	3⅛	1/8	3/16	3⅛	— 94.0
ZENI	Zenith Labs Inc	16813	20⅛	6¾	20	8	+ 150.0
ZNAT	Zenith National Ins Co (M)	16866	20¾	11¾	19¾	17¾	+ 11.2
ZNATW	Zenith National Ins Co Wts	1975	4½	3½	4	4½	— 11.1*
ZENT	Zentec Corp (M)	18838	17½	8½	11⅛	14¾	— 23.7
ZEGL	Ziegler Co Inc (The) (M)	4935	13	7	12⅛	7½	+ 66.6
ZION	Zions Utah Bancorp (M)	11311	31½	20¾	26	29	— 10.3
ZOEP	Zoe Products Inc	807028	¾	3/32	1/16	⅜	— 33.3
ZOND	Zondervan Corp (The) (M)	16075	14⅜	6½	14	7	+ 100.0
ZONEF	Zono Petroleum Corp	1124	3⅜	1⅛	2⅜	3⅛	— 15.3
ZNIC	Zonic Corp	4808	3⅛	½	1⅜	3⅛	— 56.0
ZTRX	Zytrex Corp	34279	4	1⅛	2⅜	1⅛	+ 155.5*
ZTRXU	Zytrex Corp Uts	15783	10½	2¾	7⅜	2¾	+ 168.1*
ZTRXW	Zytrex Corp Wts	13278	2⅜	1/16	1⅛	⅜	+ 333.3*

The Nationwide Distribution of NASDAQ Companies and NASDAQ Market Makers

At the end of 1982, the domestic securities on NASDAQ were issued by 3,008 companies with headquarters in all 50 states and the District of Columbia and Puerto Rico. California led in the number of NASDAQ companies, followed by New York, Texas, Colorado, New Jersey, Florida, Ohio, Pennsylvania, Minnesota and Massachusetts.

The 407 market makers in NASDAQ securities were headquartered in 36 states and the District of Columbia, and nearly two-thirds of all the market makers had their headquarters outside of New York City.

Location	NASDAQ Companies Headquartered	NASDAQ Market Makers Headquartered
1. California	378	28
2. New York	322	139
3. Texas	236	12
4. Colorado	212	25
5. New Jersey	158	24
6. Florida	138	10
7. Ohio	110	12
8. Pennsylvania	110	15
9. Minnesota	107	13
10. Massachusetts	101	8
11. Illinois	93	15
12. Michigan	74	7
13. Oklahoma	70	3
14. Connecticut	66	4
15. Georgia	54	4
16. Maryland	51	5
17. Virginia	51	8
18. Utah	47	8
19. Wisconsin	46	4
20. Indiana	45	5
21. North Carolina	45	3
22. Missouri	44	14
23. Washington	41	5
24. Tennessee	36	6
25. Oregon	33	8
26. Kansas	31	1
27. Iowa	26	2
28. Louisiana	26	2
29. Alabama	25	2
30. Wyoming	25	0
31. Arizona	22	2
32. Kentucky	22	1
33. Nevada	22	0
34. New Mexico	16	1
35. South Carolina	14	0
36. District of Columbia	13	3
37. Mississippi	13	0
38. New Hampshire	10	0
39. Rhode Island	8	2
40. Arkansas	7	2
41. Idaho	7	0
42. Alaska	6	0
43. Delaware	6	0
44. Hawaii	6	0
45. Maine	6	0
46. Nebraska	6	3
47. West Virginia	6	0
48. Montana	5	1
49. North Dakota	4	0
50. Puerto Rico	3	0
51. South Dakota	3	0
52. Vermont	2	0

The Worldwide Distribution of NASDAQ Companies and Securities Firms and Financial Institutions Trading NASDAQ Securities

Foreign Securities

The 66 American Depositary Receipts (ADRs) and 202 foreign securities on NASDAQ at the end of 1982 were issued by companies with headquarters in 18 foreign countries or possessions, as follows:

Country	ADR Issuers Headquartered	Foreign Securities Issuers Headquartered
Australia	10	—
Bermuda	1	6
Bolivia	—	1
Canada	2	165
Cayman Islands	—	1
El Salvador	1	—
Great Britain	8	—
Hong Kong	—	1
Israel	3	7
Japan	16	3
Luxembourg	—	2
Mexico	2	—
Netherlands	2	2
New Zealand	1	—
Scotland	1	—
South Africa	17	1
Sweden	1	1
West Germany	1	—

Note: A number of the 256 foreign companies had more than one security on NASDAQ.

Securities Firms and Financial Institutions Abroad

There are over 6,500 quotation terminals outside the U.S. receiving NASDAQ data on both domestic and foreign NASDAQ securities. These terminals are distributed in securities firms and financial institutions abroad as follows:

Country	Terminals in Foreign Firms	Terminals in U.S. Firms
Argentina	2	3
Austria	4	5
Bahamas	—	6
Bahrain	10	15
Belgium	34	39
Bermuda	13	1
Canada	1,942	273
Chile	3	1
Denmark	11	—
England	442	619
France	195	121
Germany	305	109
Greece	5	10
Holland	25	15
Hong Kong	66	71
Italy	12	14
Japan	6	23
Kuwait	55	12
Lebanon	—	5
Liechtenstein	10	2
Luxembourg	13	2
Mexico	6	—
Netherlands	89	18
Norway	12	—
Philippines	—	2
Scotland	6	—
Singapore	11	19
Spain	—	13
Sweden	3	—
Switzerland	1,529	262
United Arab Emirates	16	9
Uruguay	—	2
Venezuela	6	5

Note: Classifications in this table were made on the basis of available information and may not reflect actual majority ownership or control.

The 407 NASDAQ Market Makers

There were 407 market makers in NASDAQ securities at the end of 1982. These firms buy for and sell from their inventories at the prices they quote on the NASDAQ System. These market makers had 27,734 registrations in NASDAQ securities, for an average of 7.6 market makers per NASDAQ security.

Through the multiple market maker system, NASDAQ securities are traded in a competitive environment. Each security must have at least two market makers to qualify for inclusion on the NASDAQ System, and many of the securities have upwards of 10 or 20 market makers.

In their daily operations, market makers are governed by three basic rules of the NASDAQ System:

1. They must enter both a bid and asked quotation on a security and are required to be good for at least 100 shares on either side;

2. They must secure excused withdrawal status to withdraw quotations temporarily and are thereby prevented from jumping in and out of a security during the day; and,

3. Each quotation which a market maker enters must be reasonably related to the prevailing market in the security.

	MMID	Market Maker	Main Office
A	AMFS	AMFCO Securities, Inc.	New York, N.Y.
	ADAM	Adams Harkness & Hill Inc.	Boston, Mass.
	ACCO	Adler, Coleman & Co.	New York, N.Y.
	ADVS	Advest, Inc.	Hartford, Conn.
	ALEX	Alexander (J.) Securities, Inc.	Los Angeles, Calif.
	ALLN	Allen & Company Incorporated	New York, N.Y.
	ALPN	Alpine Associates	Cresskill, N.J.
	AIMS	American Investors of Pittsburgh, Inc.	Pittsburgh, Pa.
	AMER	American Securities Corporation	New York, N.Y.
	AMIC	Amswiss International Corp.	Jersey City, N.J.
	ANDC	Andco Securities Inc.	New York, N.Y.
	ASCO	Arbitrage Securities Company	New York, N.Y.
	ABLE	Arnhold & S. Bleichroeder, Inc.	New York, N.Y.
	ASEL	Asiel & Co.	New York, N.Y.
B	BCHM	Bachman & Associates, Ltd.	Yardley, Pa.
	BACN	Bacon, Whipple & Co.	Chicago, Ill.
	BARD	Baird (Robert W.) & Co., Incorporated	Milwaukee, Wisc.
	BPAT	Baird, Patrick & Co., Inc.	New York, N.Y.
	BWBA	Baker, Watts & Co.	Baltimore, Md.
	BALF	Balfour Securities Corporation	New York, N.Y.
	BARR	Barrett & Company	Providence, R.I.
	BASL	Basle Securities Corporation	New York, N.Y.
	BEHR	Bateman Eichler, Hill Richards, Incorporated	Los Angeles, Calif.
	BAUM	Baum (George K.) & Company	Kansas City, Mo.
	BEST	Bear, Stearns & Co.	New York, N.Y.
	AGBK	Becker (A.G.) Incorporated	Chicago, Ill.
	BELB	Bell & Beckwith	Toledo, Ohio
	BNBB	Bellamah, Neuhauser & Barrett, Inc.	Washington, D.C.
	BIRR	Birr, Wilson & Co., Inc.	San Francisco, Calif.
	BLAK	Black & Company, Inc.	Portland, Ore.
	BSTK	Blackstock & Co., Inc.	Jacksonville, Fla.
	BLAR	Blair (Charles M.) & Co., Inc.	Los Angeles, Calif.
	DHBI	Blair (D.H.) Investors Corp.	New York, N.Y.
	WBLR	Blair (William) & Company	Chicago, Ill.
	BLIN	Blinder, Robinson & Co., Inc.	Englewood, Colo.
	LOWI	Blunt Ellis & Loewi Incorporated	Milwaukee, Wisc.
	BOSC	Boenning & Scattergood Inc.	Philadelphia, Pa.
	BOET	Boettcher & Company	Denver, Colo.
	RBCO	Bolton, (R.E.) & Co., Inc.	Jersey City, N.J.
	BRAD	Bradford (J.C.) & Co.	Nashville, Tenn.
	BRCB	Branch, Cabell & Company	Richmond, Va.
	BRDG	Bridge Trading Company	St. Louis, Mo.
	BROG	Brodis Securities Incorporated	Great Neck, N.Y.
	BOOM	Brooks, Hamburger, Satnick, Inc.	New York, N.Y.
	ABSB	Brown (Alex.) & Sons	Baltimore, Md.
	BULS	Bullington-Schas & Co., Inc.	Memphis, Tenn.
	BURG	Burgess & Leith Incorporated	Boston, Mass.
	TIMM	Burns Fry and Timmins, Inc.	New York, N.Y.
	BRNS	Burns, Pauli & Co., Inc.	St. Louis, Mo.
	ABSH	Bush (Alan) Brokerage Co.	Boca Raton, Fla.
	BUSI	Butcher & Singer Inc.	Philadelphia, Pa.
	BUYS	Buys-MacGregor, MacNaughton-Greenwalt & Co.	Grand Rapids, Mich.
C	CABL	Cable Howse & Ragen	Seattle, Wash.
	CNTR	Cantor (S.B.) Co., Inc.	New York, N.Y.
	CANT	Cantor, Fitzgerald & Co., Inc.	Beverly Hills, Calif.
	CAPS	Capital Shares, Inc.	Providence, R.I.
	CARO	Carolina Securities Corporation	Raleigh, N.C.
	CARR	Carr Securities Corporation	New York, N.Y.
	CRRT	Carret and Company, Inc.	New York, N.Y.
	LAST	Cecil, Waller & Sterling Inc.	Richmond, Va.
	CSSI	Centennial State Securities, Inc.	Englewood, Colo.
	CHDA	Chapin, Davis & Co. Inc.	Baltimore, Md.
	CADI	Chesley and Dunn, Inc.	Denver, Colo.
	CHGO	Chicago Corporation (The)	Chicago, Ill.
	CHIL	Chiles, Heider & Co., Inc.	Omaha, Neb.
	CRIS	Christoph Securities, Inc.	Lake Forest, Ill.
	BCCC	Christopher (B.C.) Securities Co.	Kansas City, Mo.
	CITY	City Securities Corporation	Indianapolis, Ind.
	COBR	Coburn & Meredith, Inc.	Hartford, Conn.

	MMID	Market Maker	Main Office
	CODK	Cohn, Delaire & Kaufman, Inc.	New York, N.Y.
	CSIC	Columbine Securities, Inc.	Denver, Colo.
	CONA	Continental American Securities, Inc.	Phoenix, Ariz.
	CODE	Cosentino & DeFelice, Inc.	New York, N.Y.
	SCCO	Costa (S.C.) Company, Inc.	Tulsa, Okla.
	CGLN	Coughlin and Company, Inc.	Denver, Colo.
	COVY	Covey & Company, Inc.	Salt Lake City, Utah
	COWN	Cowen & Co.	New York, N.Y.
	CHIC	Craig-Hallum, Inc.	Minneapolis, Minn.
	CREA	Creative Securities Corp.	Great Neck, N.Y.
	CWCO	Crowell, Weedon & Co.	Los Angeles, Calif.
D	DAIN	Dain, Bosworth Incorporated	Minneapolis, Minn.
	DAWA	Daiwa Securities America Inc.	New York, N.Y.
	DALL	Dallas Securities Investment Corporation	Dallas, Texas
	DATK	Datek Securities Corp.	Brooklyn, N.Y.
	DAVA	Davenport & Co. of Virginia, Inc.	Richmond, Va.
	DADA	Davidson (D.A.) & Co. Incorporated	Great Falls, Mont.
	DAVI	Davis (Shelby Cullom) & Co.	New York, N.Y.
	DSCO	Davis, Skaggs & Co., inc.	San Francisco, Calif.
	DEAN	Dean Witter Reynolds Inc.	New York, N.Y.
	DVNY	DeVanney (S.W.) & Co., Inc.	Denver, Colo.
	DICK	Dickinson (R.G.) & Co.	Des Moines, Iowa
	DRCO	Dillon, Read & Co., Inc.	New York, N.Y.
	DILN	Dillon Securities Inc.	Spokane, Wash.
	DOFT	Doft & Co., Inc.	New York, N.Y.
	DARB	Domestic Arbitrage Group	Jersey City, N.J.
	DOMK	Dominick & Dominick Incorporated	New York, N.Y.
	DONC	Donald & Co. Securities Inc.	Jersey City, N.J.
	NDON	Donald (N.) & Company	Denver, Colo.
	DLJP	Donaldson, Lufkin & Jenrette Securities Corporation	New York, N.Y.
	DRAR	Drayer (M.H.) Co., Inc.	Oceanside, N.Y.
	DRES	Dresner Company (The)	New York, N.Y.
	DBUR	Drexel Burnham Lambert Incorporated	New York, N.Y.
	DUAN	Duane (James J.) & Co., Inc.	New York, N.Y.
E	EBER	Eberstadt (F.) & Co., Inc.	New York, N.Y.
	AGED	Edwards (A.G.) & Sons, Inc.	St. Louis, Mo.
	EBCO	Engler & Budd Company	Minneapolis, Minn.
	EGTD	Eppler, Guerin & Turner, Inc.	Dallas, Texas
	ESEC	Equitable Securities Corporation	Nashville, Tenn.
	EQIT	Equity Securities Trading Co. Inc.	Minneapolis, Minn.
	ERNS	Ernst & Company	New York, N.Y.
	EVCO	Evans & Co., Inc.	New York, N.Y.
	EVLL	Evans Llewellyn Securities, Inc.	Bellevue, Wash.
	ACEJ	Ewing (Allen C.) & Co.	Jacksonville, Fla.
F	FAHN	Fahnestock & Co.	New York, N.Y.
	FAIR	Fairmeadow Securities, Inc.	Allentown, Pa.
	FEDE	Fechtor, Detwiler & Co., Inc.	Boston, Mass.
	WASH	Ferris & Company, Incorporated	Washington, D.C.
	FASI	Financial America Securities, Inc.	Cleveland, Ohio
	FALJ	First Affiliated Securities, Inc.	San Diego, Calif.
	FACT	First Albany Corporation	Albany, N.Y.
	BHAM	First Birmingham Securities Corporation	Birmingham, Ala.
	FBCO	First Boston Corporation (The)	New York, N.Y.
	FCIS	First Colorado Investments & Securities, Inc.	Denver, Colo.
	FECF	First Equity Corporation of Florida	Miami, Fla.
	FRST	First Financial Securities, Inc.	Denver, Colo.
	FFLA	First Florida Securities, Inc.	Pompano Beach, Fla.
	FHER	First Heritage Corporation	Southfield, Mich.
	FRJR	First Jersey Securities, Inc.	Red Bank, N.J.
	FMCO	First Manhattan Co.	New York, N.Y.
	FMAN	First Mid America, Inc.	Lincoln, Neb.
	FOMC	First of Michigan Corporation	Detroit, Mich.
	FSEC	First Southeastern Company	Atlanta, Ga.
	FSWC	First Southwest Company	Dallas, Texas
	FSFI	First State Financial, Inc.	Tulsa, Okla.
	FSCP	First United Securities Co., Inc.	Woodland Hills, Calif.
	FWIL	First Wilshire Securities Management, Inc.	Los Angeles, Calif.
	FITT	Fittin, Cunningham & Lauzon, Inc.	Belmar, N.J.
	FITZ	Fitzgerald, DeArman & Roberts, Inc.	Tulsa, Okla.
	FWAK	Forbes, Walsh, Kelly & Co., Inc.	New York, N.Y.
	FOSM	Foster & Marshall/American Express Inc.	Seattle, Wash
	FRAN	Frankel (Wm. V.) & Co., Incorporated	Jersey City, N.J.
	FRDK	Frederick & Company, Inc.	Milwaukee, Wisc.
	SELZ	Furman Selz Mager Dietz & Birney Incorporated	New York, N.Y.
G	GHSI	G & H Securities, Inc.	Syracuse, N.Y.
	GALL	Gallagher Capital Corp.	Portland, Ore.
	GALS	Gallant Securities, Inc.	New York, N.Y.
	GATT	Gattini & Co.	New York, N.Y.
	TGSI	Geimer (T.) Securities, Inc.	Denver, Colo.
	GILG	Gilder, Gagnon & Co., Inc.	New York, N.Y.
	GILS	Gilford Securities Incorporated	New York, N.Y.
	GNTL	Gintel & Co.	Greenwich, Conn.
	GELZ	Goelzer & Co., Inc.	Indianapolis, Ind.
	GSCO	Goldman, Sachs & Co.	New York, N.Y.
	GOWL	Gowell Securities Corporation	Boston, Mass.
	GRAD	Gradison & Company Incorporated	Cincinnati, Ohio
	GARP	Greenfield Arbitrage Partners	New York, N.Y.
	TREE	Greentree Securities Corp.	Boca Raton, Fla.
	GRUN	Gruntal & Co.	New York, N.Y.
	OGRU	Gruss (Oscar) & Son Incorporated	New York, N.Y.
H	HAAS	Haas Securities Corporation	New York, N.Y.
	HATT	Hackert/Modesitt Investments, Ltd.	Englewood, Colo.
	HLCN	Halcyon Investments	New York, N.Y.
	HMQT	Hambrecht & Quist	San Francisco, Calif.
	HAMR	Hammerbeck and Company, Inc.	Portland Ore.
	HANF	Hanifen, Imhoff Inc.	Denver, Colo.
	HSCO	Hawthorne Securities Corporation	Boston, Mass.
	HELP	Helfer, Broughton, Inc.	New York, N.Y.
	HENJ	Henjes (Frank) & Company, Inc.	Greenwich, Conn.
	HOJO	Hereth Orr & Jones, Inc.	Atlanta, Ga.
	HERO	Herold (Bernard) & Co., Inc.	New York, N.Y.
	HERZ	Herzfeld & Stern	New York, N.Y.
	HRZG	Herzog, Heine, Geduld, Inc.	New York, N.Y.
	HILL	Hill, Thompson, Magid & Co., Inc.	Jersey City, N.J.
	HDLY	Hilliard (J.J.B.), Lyons (W.L.), Inc.	Louisville, Ky.
	HINK	Hinkle Northwest, Inc.	Portland, Ore.
	HOLT	Holt, Olinger & Co., Inc.	Denver, Colo.
	HOPR	Hopper Soliday & Co., Inc.	Philadelphia, Pa.
	HWLF	Howard, Weil, Labouisse Friedrichs Incorporated	New Orleans, La.
	HOWE	Howe, Barnes & Johnson, Inc.	Chicago, Ill.
	EHUT	Hutton (E.F.) & Company Inc.	New York, N.Y.
I	ILCO	Illinois Company Incorporated (The)	Chicago, Ill.
	INDP	Independence Securities of North Carolina, Inc.	Greensboro, N.C.
	INDJ	Individual's Securities Ltd.	Melville, N.Y.
	INGS	Ingalls & Snyder	New York, N.Y.
	IECO	Institutional Equity Corporation	Dallas, Texas
	ISCO	Interstate Securities Corporation	Charlotte, N.C.
	IWST	Interwest Funding, Inc.	Park City, Utah
	ICOV	Investment Corporation of Virginia	Norfolk, Va.
J	JANY	Janney Montgomery Scott Inc.	Philadelphia, Pa.
	JEFF	Jefferies & Company, Inc.	Los Angeles, Calif.
	JESL	Jesup & Lamont Securities Co., Inc.	New York, N.Y.
	JBOW	Johnson-Bowles Company, Inc.	Salt Lake City, Utah
	JLSS	Johnson, Lane, Space, Smith & Co., Inc.	Savannah, Ga.
	JOLE	Johnston, Lemon & Co., Incorporated	Washington, D.C.
	EDJO	Jones (Edward D.) & Co.	Maryland Heights, Mo.
	JSJC	Jones (June S.) Co.	Portland, Ore.
	JOSE	Josephthal & Co. Incorporated	New York, N.Y.
K	KALB	Kalb, Voorhis & Co.	New York, N.Y.
	KASS	Kass (Kenneth) & Co. Inc.	Florham Park, N.J.
	KAUF	Kaufmann, Alsberg & Co.	New York, N.Y.
	KFMN	Kaufmann (Jay W.) & Co.	New York, N.Y.

	MMID	Market Maker	Main Office
	KBWI	Keefe, Bruyette & Woods, Inc.	New York, N.Y.
	KDCO	Kellner Dileo & Co.	New York, N.Y.
	KPCO	Kidder, Peabody & Co. Incorporated	New York, N.Y.
	CLKA	King (C.L.) & Associates, Inc.	Albany, N.Y.
	KINN	Kinnard (John G.) and Company, Incorporated	Minneapolis, Minn.
	KPSP	Kirkpatrick, Pettis, Smith, Polian Inc.	Omaha, Neb.
	KISN	Kisin (S.) & Co. Inc.	Brooklyn, N.Y.
	KBRN	Kobrin Securities Inc.	Brunswick, N.J.
	KOSE	Koonce Securities Inc.	Rockville, Md.
L	LTCO	Ladenburg, Thalmann & Co., Inc.	New York, N.Y.
	LACO	Lafer Amster & Co.	New York, N.Y.
	LAPI	Laidlaw Adams & Peck Inc.	New York, N.Y.
	LAMA	Lara, Millard & Associates, Ltd.	Falls Church, Va.
	LARK	Larkin (Emmett A.) Company, Inc.	San Francisco, Calif.
	LSCO	Larmer-Sykes Co. Inc. (The)	Wichita, Kan.
	LAZA	Lazard Freres & Co.	New York, N.Y.
	LEGG	Legg Mason Wood Walker, Incorporated	Baltimore, Md.
	LEHM	Lehman Brothers Kuhn Loeb Incorporated	New York, N.Y.
	BJLC	Leonard (B.J.) and Company, Inc.	Englewood, Colo.
	SBLC	Lewis (S.B.) & Company	New York, N.Y.
	LIST	Listrom (Lowell H.) & Company, Inc.	Kansas City, Mo.
	LOEB	Loeb Partners	New York, N.Y.
	MLKC	Luther (Merrill), Kalis & Co., Inc.	Los Angeles, Calif.
M	MKIS	MKI Securities Corp.	New York, N.Y.
	MABN	Mabon, Nugent & Co.	New York, N.Y.
	MKBB	MacDonald Krieger & Bowyer, Incorporated	Beverly Hills, Calif.
	MADF	Madoff, Bernard L.	New York, N.Y.
	MALO	Malone & Associates, Inc.	Denver, Colo.
	MBMC	Manley, Bennett, McDonald & Co.	Detroit, Mich.
	MRKS	Marks (Carl) & Co., Inc.	New York, N.Y.
	MAST	Masten (A.E.) & Co., Incorporated	Pittsburgh, Pa.
	MASH	Mayer & Schweitzer, Inc.	Jersey City, N.J.
	MDLD	McDonald & Company	Cleveland, Ohio
	CLMK	McKinney (C.L.) & Co., Inc.	Los Angeles, Calif.
	MACS	McLaughlin, Piven, Vogel and LoPresti, Inc.	New York, N.Y.
	MRKA	Mericka & Co., Inc.	Cleveland, Ohio
	MOTC	Merrill Lynch, Pierce, Fenner & Smith Incorporated	New York, N.Y.
	MSRO	Mesirow & Company	Chicago, Ill.
	MHMY	Meyerson (M.H.) & Co., Inc.	Jersey City, N.J.
	DISC	Midwest Discount Securities, Inc.	Minneapolis, Minn.
	MILW	Milwaukee Company (The)	Milwaukee, Wisc.
	MSFW	Minton Schmid, Landers Vinton Reuther & Smith, Inc.	Fort Worth, Texas
	MONR	Monroe Securities Inc.	Rochester, N.Y.
	MONT	Montgomery Securities	San Francisco, Calif.
	MJUR	Moore, Juran and Company, Inc.	Minneapolis, Minn.
	MSCC	Moore & Schley, Cameron Co. Securities Inc.	New York, N.Y.
	MCBT	Moors & Cabot, Inc.	Boston, Mass.
	MOKE	Morgan, Keegan & Company, Inc.	Memphis, Tenn.
	MOKG	Morgan, Olmstead, Kennedy & Gardner, Incorporated	Los Angeles, Calif.
	MSCO	Morgan Stanley & Co. Incorporated	New York, N.Y.
	FJMC	Morrissey (F.J.) & Co., Inc.	Philadelphia, Pa.
	MOSE	Moseley, Hallgarten, Estabrook & Weeden, Inc.	Boston, Mass.
	MPAC	Mountain Pacific Investment Co.	Littleton, Colo.
	MULR	Muller & Company	New York, N.Y.
	MURF	Murphy & Durieu	New York, N.Y.
	BMUR	Murray (Brean), Foster Securities, Inc.	New York, N.Y.
N	NAWE	Nash, Weiss & Co., Division of Shatkin Investment Corp.	Chicago, Ill.
	NATL	National Securities Corporation	Seattle, Wash.
	NTBC	Neidiger, Tucker, Bruner, Inc.	Denver, Colo.
	NEUB	Neuberger & Berman	New York, N.Y.
	WHNS	Newbold's (W.H.) Son & Co. Inc.	Philadelphia, Pa.
	NEWC	Newhard, Cook & Co., Incorporated	St. Louis, Mo.
	NJPN	New Japan Securities International, Inc.	New York, N.Y.
	NYFO	New York & Foreign Securities Corporation	New York, N.Y.
	NIKO	Nikko Securities Co. International, Inc. (The)	New York, N.Y.
	NPNK	Nippon Kangyo Kakumaru Intl. Inc.	New York, N.Y.
	NMRA	Nomura Securities International, Inc.	New York, N.Y.
	NBAY	Norbay Securities, Inc.	Bayside, N.Y.
	NHII	North Hills Investors, Inc.	Great Neck, N.Y.
	NOVK	Novick (M.H.) & Co., Inc.	Minneapolis, Minn.
	NOYS	Noyes (David A.) & Company	Chicago, Ill.
O	OBER	Oberweis Securities Inc.	Aurora, Ill.
	OCON	O'Connor Securities	Chicago, Ill.
	OHIO	Ohio Company (The)	Columbus, Ohio
	OLIE	Olsen & Company	Salt Lake City, Utah
	OMGN	Omega Northwest, Inc.	Portland, Ore.
	OPCO	Oppenheimer & Co., Inc.	New York, N.Y.
	OUTW	Outwater & Wells, Inc.	Jersey City, N.J.
P	PBSC	Pacific Brokerage Services	Beverly Hills, Calif.
	PAGL	Pagel Inc.	Minneapolis, Minn.
	PWJC	Paine, Webber, Jackson & Curtis Inc.	New York, N.Y.
	PKHT	Parker/Hunter Inc.	Pittsburgh, Pa.
	PATN	Patten Securities Corp.	Nutley, N.J.
	PAUL	Paulson Investment Company, Inc.	Portland, Ore.
	PENS	Peninsular Securities Company	Grand Rapids, Mich.
	RSCP	Peterson (Robert S.C.) Inc.	Excelsior, Minn.
	PHIL	Phil Mar Investment Company, Inc.	Indianapolis, Ind.
	PAWC	Philips, Appel & Walden Inc.	New York, N.Y.
	PIPR	Piper, Jaffray & Hopwood Incorporated	Minneapolis, Minn.
	PMCI	Pitfield, MacKay & Co., Inc.	New York, N.Y.
	PTOK	Pittock (E.J.) & Company, Inc.	Denver, Colo.
	POTR	Potter Investment Co.	Salt Lake City, Utah
	PRES	Prescott, Ball & Turben	Cleveland, Ohio
	PRUB	Prudential-Bache Securities Inc.	New York, N.Y.
	PGRM	Purcell, Graham & Co., Inc.	New York, N.Y.
Q	QNTM	Quantum Capital Group Inc.	Boca Raton, Fla.
	QCSC	Queen City Securities Corp.	Cincinnati, Ohio
	QWIN	Quinn & Co., Inc.	Albuquerque, N.M.
	QUIN	Quinn (E.J.) & Co. Inc.	Jersey City, N.J.
R	RAFF	Raffensperger, Hughes & Co. Inc.	Indianapolis, Ind.
	RANY	Raney (T.J.) & Sons Inc.	Little Rock, Ark.
	RPSC	Rauscher Pierce Refsnes, Inc.	Dallas, Texas
	RAJA	Raymond, James & Associates, Inc.	St. Petersburg, Fla.
	REAV	Reaves (W.H.) & Co., Inc.	Jersey City, N.J.
	RICH	Reich & Co., Inc.	New York, N.Y.
	RLPI	Richards, Lynch & Pegher, Inc.	Pittsburgh, Pa.
	JAYB	Richards (J.B.) Securities Corp.	Chicago, Ill.
	RSNY	Richardson Greenshields Securities, Inc.	New York, N.Y.
	RFCO	Richey, Frankel & Company	Denver, Colo.
	RIMS	Rimson (M.) & Co., Inc.	New York, N.Y.
	RCSW	Robertson, Colman, Stephens & Woodman	San Francisco, Calif.
	RHCO	Robinson-Humphrey/American Express Inc.	Atlanta, Ga.
	RMSI	Rocky Mountain Securities & Investments, Inc.	Denver, Colo.
	RODR	Rodman & Renshaw, Inc.	Chicago, Ill.
	RONY	Roney (Wm. C.) & Co.	Detroit, Mich.
	PACE	Rooney, Pace Inc.	New York, N.Y.
	ROLE	Rosenblum Levin Securities Corp.	Tamarac, Fla.
	RELR	Rosenkrantz, Ehrenkrantz, Lyon & Ross, Inc.	New York, N.Y.
	RMDU	Rotan Mosle Inc.	Houston, Texas
	LFRU	Rothschild (L.F.), Unterberg, Towbin	New York, N.Y.
	RSEC	Rothschild Lieberman Ltd.	New York, N.Y.
	ROWL	Rowland (R.) & Co., Incorporated	St. Louis, Mo.
	RYAN	Ryan, Beck & Co., Inc.	West Orange, N.J.
S	SAGE	Sage, Rutty & Co., Inc.	Rochester, N.Y.
	SALB	Salomon Brothers Inc.	New York, N.Y.
	SAND	San Diego Securities Incorporated	San Diego, Calif.

	MMID	Market Maker	Main Office
	SCHA	Schaenen Jacobs Etheredge & Company, Inc.	New York, N.Y.
	MASC	Schapiro (M.A.) & Co., Inc.	New York, N.Y.
	SJNO	Scharff & Jones Inc.	New Orleans, La.
	SHRK	Scherck, Stein & Franc, Inc.	St. Louis, Mo.
	SBHI	Schneider, Bernet & Hickman, Inc.	Dallas, Texas
	GKSC	Scott (G.K.) & Co., Inc.	Melville, N.Y.
	SCOT	Scott & Stringfellow, Inc.	Richmond, Va.
	SEAB	Seaboard Planning Corporation	Chatham, N.J.
	SGAM	Seasongood & Mayer	Cincinnati, Ohio
	SECO	Securities Clearing of Colorado Inc.	Denver, Colo.
	IOWA	Securities Corporation of Iowa	Cedar Rapids, Iowa
	SRES	Security Research Associates, Inc.	Sausalito, Calif.
	SEMA	Seemala Corporation	New York, N.Y.
	SASI	Seidler, Arnett & Spillane Incorporated	Los Angeles, Calif.
	SAXP	Shearson/American Express Inc.	New York, N.Y.
	SHRR	Sherr (Carl P.) & Co.	Worcester, Mass.
	SHWD	Sherwood Securities Corp.	Jersey City, N.J.
	SIMN	Simon (I.M.) & Co.	Clayton, Mo.
	SGMK	Singer & Mackie, Inc.	New York, N.Y.
	SBHU	Smith Barney, Harris Upham & Co., Incorporated	New York, N.Y.
	EHSJ	Smith (E.H.), Jacobs & Co.	New York, N.Y.
	EWSM	Smith (E.W.) Co.	Philadelphia, Pa.
	SMAC	Smith, Hague & Co. Incorporated	Detroit, Mich.
	SOGO	Somers, Grove & Co., Inc.	Portland, Ore.
	SEAT	Southeast Securities of Florida, Inc.	Hoboken, N.J.
	SWST	Southwest Securities, Inc.	Dallas, Texas
	SPEC	Spectrum Securities, Inc.	Cincinnati, Ohio
	RJSC	Steichen (R.J.) & Company	Minneapolis, Minn.
	SPHN	Stephens, Inc.	Little Rock, Ark.
	STRN	Stern Brothers & Co.	Kansas City, Mo.
	SALI	Sterne, Agee & Leach, Inc.	Birmingham, Ala.
	STFL	Stifel, Nicolaus & Company, Incorporated	St. Louis, Mo.
	STRA	Strader & Company, Inc.	Lynchburg, Va.
	SULY	Sullivan (T.J.) & Co., Inc.	New York, N.Y.
	SUMM	Summit Investment Corporation	Minneapolis, Minn.
	SUTR	Sutro & Co. Incorporated	San Francisco, Calif.
	SHAL	Swartwood Hesse & Levine Inc.	New York, N.Y.
	HFSW	Swift (Henry F.) Co.	San Francisco, Calif.
T	TANY	Tanney (Robert M.)	Jersey City, N.J.
	TCAP	Tennessee Capital Corporation	Memphis, Tenn.
	TEXS	Texas Securities Inc.	Fort Worth, Texas
	TMSI	Thomson McKinnon Securities Inc.	New York, N.Y.
	RCTN	Towne (R.C.) Inc.	Pittsburgh, Pa.
	TRAB	Traub and Company, Inc.	Indianapolis, Ind.
	TSCO	Troster Singer Stevens Rothchild Corporation	Jersey City, N.J.
	TUCK	Tucker, Anthony & Day (R.L.), Inc.	New York, N.Y.
	TWEE	Tweedy Browne Clearing Corporation	New York, N.Y.
U	UNCO	Underwood, Neuhaus & Co., Incorporated	Houston, Texas
	UNSC	Unified Securities Corporation	New York, N.Y.
	UHIC	Universal Heritage Investments Corporation	Los Angeles, Calif.
	UTCH	Utsch (Hans) & Co., Inc.	New York, N.Y.
V	VAIL	Vail Securities Investment, Inc.	Vail, Colo.
	VSCI	Vantage Securities of Colorado Inc.	Englewood, Colo.
	VENU	Venhu Securities Inc.	Salt Lake City, Utah
	VERC	Vercoe & Company, Inc.	Columbus, Ohio
	VDAC	Vickers daCosta Securities, Inc.	New York, N.Y.
	VINT	Vincent (Burton J.), Chesley & Co.	Chicago, Ill.
	VINR	Viner (Edward A.) & Co., Inc.	New York, N.Y.
W	WGWA	W G W Associates	New York, N.Y.
	WSWS	Wall Street West, Inc.	Englewood, Colo.
	WALT	Walter (M.H.) & Co. Inc.	Lawrence, N.Y.
	WHCC	Weber, Hall, Sale & Associates	Dallas, Texas
	WEKS	Wechsler & Krumholz, Inc.	New York, N.Y.
	WEDB	Wedbush, Noble, Cooke, Inc.	Los Angeles, Calif.
	WEDD	Wedd Durlacher Mordaunt Inc.	New York, N.Y.
	WHIZ	Weinrich, Zitzmann & Whitehead, Inc.	St. Louis, Mo.
	WELL	Weller (J.W.) & Co., Inc.	Bloomfield, N.J.
	WERT	Wertheim & Co.	New York, N.Y.
	WEAT	Wheat, First Securities, Inc.	Richmond, Va.
	WITE	White (Matthew R.) Investment Co., Inc.	Salt Lake City, Utah
	WTOM	White (Thomas F.) & Co., Incorporated	San Francisco, Calif.
	WBRO	Wiley Bros., Inc.	Nashville, Tenn.
	JWMS	Williams (Jerry), Inc.	Tampa, Fla.
	WDCO	Wilson-Davis & Co.	Salt Lake City, Utah
	WOLF	Wolfe (S.J.) & Co.	Dayton, Ohio
	WGCO	Wood Gundy Incorporated	New York, N.Y.
Y	YAMA	Yamaichi International (America), Inc.	New York, N.Y.
	YORK	York (Warren W.) & Co., Inc.	Allentown, Pa.
	YOSE	York Securities, Inc.	New York, N.Y.
	YSPI	Young, Smith & Peacock, Inc.	Phoenix, Ariz.

The NASDAQ System: The $22 Million Upgrading Becomes $27 Million

During 1981 and 1982, the NASDAQ System's capabilities were significantly enhanced by a $22 million overhaul of the computerized core of the System. The crux of this effort was the replacement of the central computers in Trumbull, Connecticut by a UNIVAC 1100/82 System with three times the memory capacity and twice the speed of its predecessor.

With record-breaking share volume on NASDAQ and new NMS-related services on the drawing board, the NASD plans to spend an additional $5 million in 1983 to continue upgrading the NASDAQ System. A third UNIVAC computer will be installed, increasing the central processing capability by 50%. Regional concentrators in Chicago and San Francisco have been replaced by more powerful computers and additional concentrator capacity is scheduled to be added on the East Coast.

New NASDAQ Terminals, Heavy Traffic

A new generation of NASDAQ terminals was introduced in 1981-82 to handle increased NASDAQ traffic and the sophisticated requirements of NMS trading. During 1982, the number of NASDAQ Level 3 terminals in use by market makers grew from 1,420 to 1,462. Level 3 terminals display the quotations of all the market makers on all NASDAQ securities and also have an entry capability whereby market makers can keep their quotations current on the stocks in which they make markets.

The number of NASDAQ Level 2 terminals in use by financial institutions and others grew from 202 to 251, an increase of 24%. Level 2 terminals display the quotations of all the market makers in all NASDAQ securities but have no entry capability.

Average daily traffic in the NASDAQ System was 905,788 calls and the peak traffic for a single day was 1,257,411 calls.

16% More Securities Salesmen's Quotation Terminals

The number of securities salesmen's quotation terminals receiving NASDAQ information again rose substantially, from 69,817 to 81,218, a gain of 16%. These terminals are distributed by market data vendor organizations whose computers are connected to the NASDAQ System's central computers. They display the last-sale and volume data on NASDAQ NMS securities and the best current bid/asked price on any NASDAQ security. As shown on Page 41, over 6,500 of these 81,218 terminals are in use outside the U.S.

New NASDAQ NMS Services

For NASDAQ NMS, the NASDAQ System receives and displays last-sale information in addition to the bid/asked data. From the start-up of NMS on April 1 to the end of 1982, the System processed an average of 4,810 transaction reports a day in timely fashion and the transaction information became instantly available on the salesmen's quotation terminals and on the Level 2 and Level 3 terminals.

In late 1982, the capability for trading firms to report NMS trades to NASDAQ via their in-house computing systems was made available. This eliminates the need for a costly two-step process.

The Computer Assisted Execution System (CAES) was also made available in November, in pilot form, for trading NASDAQ NMS issues. At the end of the year, the NASD established a special committee to recommend ways in which CAES could be developed to make it an even more useful tool to subscribers.

Other New Services

Also under development in 1982 were two new automated services:

- The Trade Acceptance and Reconciliation Service (TARS) which will permit members to view compared and "trouble" trades on their NASDAQ terminals and to enter corrections; and,
- An "electronic bulletin board" which will enable members to exchange information about limited partnership interests available for secondary trading through NASDAQ System facilities.

Media Visibility for NASDAQ Securities

Newspaper Publication of NASDAQ Tables

Seventy-nine newspapers in the U.S. and two in Europe allocate space for the publication of the NASDAQ National List of 1,912 top-ranking NASDAQ securities. As shown on Page 12, there are two alternative sets of financial criteria for the inclusion of securities on the National List, the first set for operating companies, the second set for development companies without operating income. The financial criteria for the National List are basically similar to the criteria for listing on the AMEX.

A number of newspapers allocate space for more than the NASDAQ National List. *The Market Chronicle* and *Media General Financial Weekly* publish complete NASDAQ quotations (on 3,664 securities at the end of 1982); *Barron's* and *The Wall Street Journal* regularly publish not only the National List but also the Additional List of 1,040 NASDAQ securities (included in the list on the basis of their dollar volume trading); *The New York Times* and the *Sarasota Herald-Tribune* carry the more active upper half of the Additional List.

Newspapers with smaller financial sections publish abbreviated versions of the National List, or lists of NASDAQ securities of regional or local interest.

National List Newspapers

The seventy-nine U.S. and two European papers which publish the NASDAQ National List are:

Akron Beacon Journal
Arizona Republic
Asbury Park Press
Atlanta Constitution
Atlanta Journal
Baltimore Morning Sun
Baltimore News-American
Barron's
Bergen County Record
Birmingham News
Boston Globe
Buffalo Evening News
Camden (NJ) Courier-Press
Chicago Sun-Times
Chicago Tribune
Cincinnati Enquirer
Cleveland Plain Dealer
Cocoa (FL) Today
Colorado Springs Sun
Columbus (OH) Dispatch
The Commercial and Financial Chronicle
Daily Oklahoman
Dallas Morning News
Dallas Times-Herald
Denver Post
Des Moines Register
Detroit Free Press
Detroit News
Fort Lauderdale News
Fort Lauderdale Sun-Sentinel
Fort Worth Star-Telegram
Gannett Westchester Newspapers
Greenville (SC) News
Hartford Courant
Houston Chronicle
Houston Post
Indianapolis Star
International Herald Tribune (Paris)
Jacksonville Florida Times-Union
Kansas City Times
Los Angeles Times
The Market Chronicle
Media General Financial Weekly
Miami Herald
Minneapolis Tribune
New Haven Journal-Courier
New Orleans Times-Picayune
New York Post
New York Times
Newark Star-Ledger
Newport News (VA) Daily Press
Orlando Sentinel Star
Palm Beach Post
Passaic (NJ) Herald-News
Philadelphia Inquirer
Phoenix Gazette
Providence Journal
Richmond News Leader
Rochester Democrat & Chronicle
Rocky Mountain News
St. Louis Globe Democrat
St. Louis Post-Dispatch
St. Petersburg Times
San Antonio Express
San Diego Evening Tribune
San Francisco Examiner
San Jose Mercury
Santa Ana Register
Sarasota Herald-Tribune
Seattle Post-Intelligencer
Seattle Times
Springfield Republican
Tampa Tribune
Trenton Trentonian
Tulsa World
USA Today
Van Nuys Daily News
The Wall Street Journal
The Wall Street Journal/ Europe
Washington Post
Youngstown Vindicator

TV and Radio Coverage of NASDAQ

Daily TV

ABC-TV
Cable News Network
ESPN Cable TV
Financial News Network
PBS Nightly Business News

Weekly TV

PBS Wall Street Week

Daily Radio

ABC Radio Network
AP Audio and Broadcast Wires
CBS Radio Network
Dowalert
Regional State Networks
Mutual Broadcasting System
National Public Radio
UPI Audio and Broadcast Wires

The Five NASDAQ Corporate Consultants and Their Regions

Five NASDAQ Corporate Consultants provide continual assistance to NASDAQ companies, and in 1982 some 300 companies took advantage of their services. These services are provided free of charge.

The task of the Consultants is to maximize for NASDAQ companies the benefits of the services which NASDAQ, the NASD and the OTC market have to offer. Specifically, the Consultants have helped NASDAQ companies to:

- Secure more market makers;
- Attain a greater degree of visibility;
- Work effectively with investment bankers;
- Plan their investor relations programs;
- Broaden their shareholder lists; and,
- Secure access to appropriate people in the securities industry and at the NASD to resolve problems.

The five NASDAQ Corporate Consultants and their regions are as follows:

Byron W. Cain, Sr. is the NASDAQ Corporate Consultant for the Central and Rocky Mountain States. He was President and Chief Executive Officer of Southern Union Company, a Dallas-based company with revenues in excess of $1 billion a year from gas, oil and real estate operations. Mr. Cain's address is 4112 Windsor Parkway, Dallas, Texas 75205, and his telephone number is (214) 741-5451.

W. Eugene Cartwright is the NASDAQ Corporate Consultant for the Far Western United States. He has been a Director of Merrill Lynch, Pierce, Fenner & Smith, Resident Vice-President Manager of the firm's Los Angeles office and Managing Director-Marketing for the Southwestern U.S. He can be reached at 515 Ocean Avenue, Suite 307 N, Santa Monica, California 90402 or by telephone at (213) 451-5204.

Douglas H. Curtis, the NASDAQ Corporate Consultant for the Midwest, is former Vice President-Finance of the NASDAQ-quoted Franklin Electric Co. and former Vice Chairman-Finance, Governor-at-Large and Chairman of the Corporate Advisory Committee of the NASD. He may be reached at Curtis Associates, G.B.M. Building, PO Box 443, Bluffton, Indiana 46714 or by telephone at (219) 824-5070.

Raymond J. Kiernan, NASDAQ Corporate Consultant for the Southeastern United States, was Vice President and a Director of Merrill Lynch, Pierce, Fenner & Smith, and has had over 25 years of experience in market making in OTC securities. He has been a Governor of the NASD and Chairman of the NASDAQ and Information Committees. His address is 4600 Ocean Boulevard, Suite 211, Boynton Beach, Florida 33435 and his telephone number is (305) 278-0118.

Lewis M. Weston, NASDAQ Corporate Consultant for the Northeastern U.S., was a General Partner of Goldman, Sachs & Co. until 1978. In his 27 years with the firm, he specialized in underwriting and securities analysis. He has been a Governor of the NASD and an Adjunct Professor of Finance at two New York schools. He may be reached by letter at the NASD's office at Two World Trade Center, 98th Floor, New York, New York 10048 or by telephone at (212) 676-8005.

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